

Converting Colors

HunterLab(11.7538, -6.3107,
4.8637)

Have a look what the booklet for
HunterLab(11.7538, -6.3107, 4.8637)
contains.

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Color

**HunterLab(11.6840, -6.1365,
4.7988)**

Conversions

Conversions Part 1

Format	Color
Hex	12230F
RGB	18, 35, 15
RGB Percent	7%, 14%, 6%
CMY	0.9294, 0.8627, 0.9412
CMYK	0.49, 0.00, 0.57, 0.86
HSL	111°, 40%, 10%
HSV	111°, 57%, 14%
XYZ	0.9367, 1.3652, 0.6661
YIQ	27.6370, -3.7120, -9.8240

Conversions

Conversions Part 2

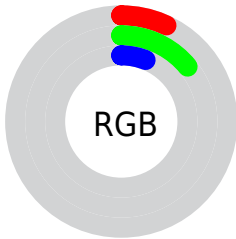
Format	Color
R_{YB}	15, 35, 32
Decimal	1188623
CIE _{Lab}	11.72, -12.30, 10.69
CIE _{LCh}	12, 16.294, 139.015
Yxy	1.3652, 0.3156, 0.4600
Android (android.graphics.Color)	4279378703 (0xFF12230F)
YUV	27.6370, -6.2300, -8.4516
Hunter-Lab	11.6840, -6.1365, 4.7988

Details

The HunterLab color **11.6840, -6.1365, 4.7988** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.7757, 6.4054, -5.2239**, and the grayscale version is **10.6840, -0.5701, 0.5805**.

A 20% lighter version of the original color is **26.5234, -9.0189, 7.2375**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.5292, -6.8331, 5.2772**, and if you desaturate by 10%, it is **11.8601, -5.3566, 4.2449**.

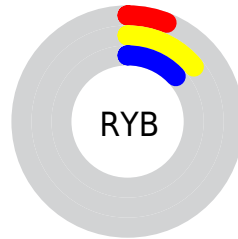
Distribution



Red (7%)

Green (14%)

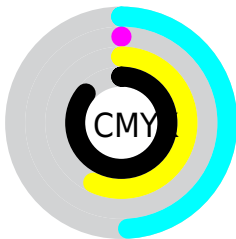
Blue (6%)



Red (6%)

Yellow (14%)

Blue (13%)

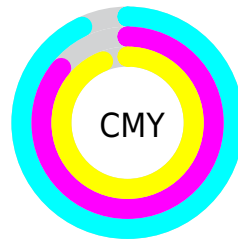


Cyan (49%)

Magenta (0%)

Yellow (57%)

Black (86%)



Cyan (93%)

Magenta (86%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.6840, -6.1365, 4.7988 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 11.6840, -6.1365, 4.7988 by changing the saturation by 10% instead.

■ 11.6840, -6.1365,
4.7988

■ 11.6840, -6.1365,
4.7988

■ 102.2378,
-17.7707, 15.4507

■ 4.3689, -7.6456,
3.0583

■ 26.3889, -8.9698,
7.2492

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.1034, -10.2778,
8.4549

0.0000, NaN, NaN

■ 44.6096, -11.5521,
9.6336

0.0000, NaN, NaN

■ 54.8463, -12.8066,
10.7985

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.7646, -14.0504,
11.9579

0.0000, NaN, NaN

■ 77.3243, -15.2897,

0.0000, NaN, NaN

13.1174

■ 89.4917, -16.5288,
14.2807

■ 11.6840, -6.1365,
4.7988

■ 11.6840, -6.1365,
4.7988

■ 11.5292, -6.8331,
5.2772

■ 11.8601, -5.3566,
4.2449

■ 11.3938, -7.4496,
5.6948

■ 12.0567, -4.4968,
3.6176

■ 11.2718, -8.0181,
6.1255

■ 12.2739, -3.5621,
2.9199

■ 11.1520, -8.5856,
6.5688

■ 12.5115, -2.5579,
2.1559

■ 11.1175, -8.7503,
6.6974

■ 12.7689, -1.4901,
1.3298

■ 13.0457, -0.3644,
0.4462

■ 13.3413, 0.8132,
-0.4901

■ 13.6551, 2.0370,
-1.4744

■ 13.9864, 3.3018,
-2.5020

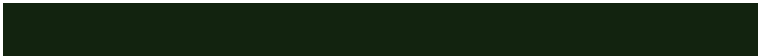
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



11.6842, -3.1504, 6.4727



11.6840, -6.1365, 4.7988



11.6842, -7.5662, 2.0124

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



11.6842, -6.1367, 4.7989



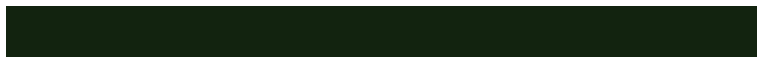
11.6842, -2.1294, -9.7526



11.6842, 8.0728, 2.8804

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



11.6840, -6.1365, 4.7988



8.7757, 6.4054, -5.2239

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



11.6842, 8.4490, -0.9314



11.6840, -6.1365, 4.7988



11.6842, 2.1370, -9.2593

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



11.6842, -6.1367, 4.7989



11.6842, -5.4808, -6.8136



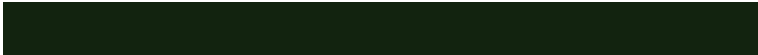
11.6842, 6.1486, -5.6383



11.6842, 5.1838, 5.3713

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



11.6840, -6.1365, 4.7988



11.6842, -7.6024, -0.6384



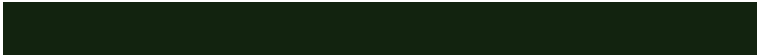
11.6842, 6.1486, -5.6383



11.6842, 8.5113, 1.7812

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



11.6842, -6.1367, 4.7989



15.8850, -3.3990, 2.8538



11.9370, -1.5108, 5.0842



8.9140, -1.8415, 1.5507



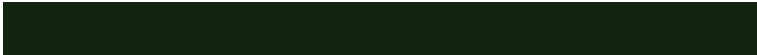
55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

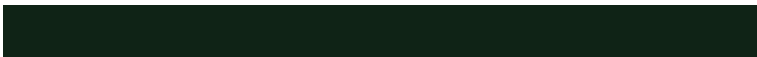
The Same Dimension uses a secret algorithm to generate beautiful new colors.



11.6842, -6.1367, 4.7989



14.5491, -9.2407, 7.0768



11.6688, -5.9967, 3.2283



7.6058, -0.9348, 0.8290



24.6055, -20.2649, 14.8070



67.7842, -56.9992, 40.7704

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8.7757, 6.4054, -5.2239



9.9562, 10.7563, -9.0078



8.8479, 6.1755, -1.8020



7.3505, 0.1511, -0.0322



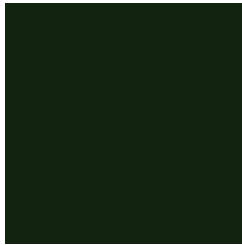
13.7173, 27.8880, -25.2186



37.4738, 76.4724, -71.1118

Previews

White Background



This preview shows how the HunterLab color 11.6840, -6.1365, 4.7988 looks on a white background.

Color Contrast Check

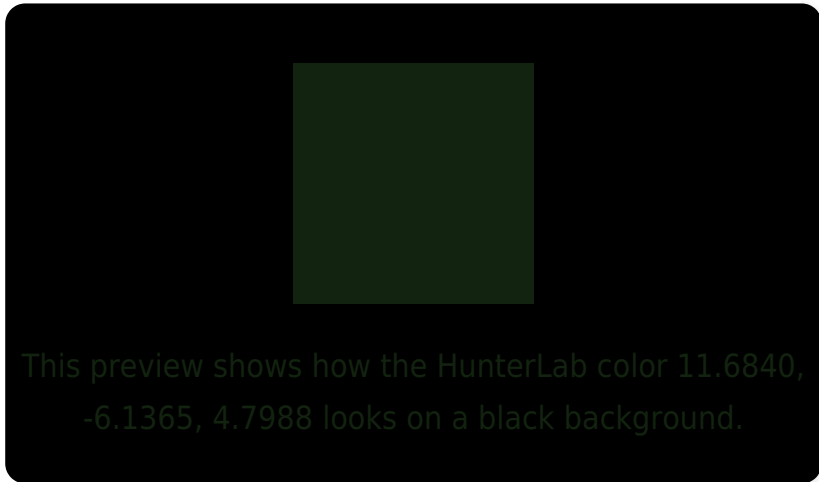
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

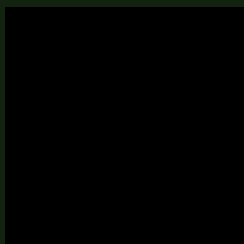
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

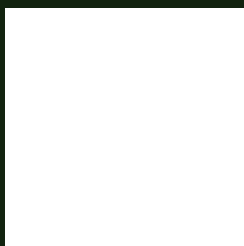
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 11.6840, -6.1365, 4.7988 Background



This preview shows how black text looks on a background with the HunterLab color 11.6840, -6.1365, 4.7988.



This preview shows how white text looks on a background with the HunterLab color 11.6840, -6.1365,

4.7988.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

11.6840, -6.1365, 4.7988

Protanopia

11.6265, -1.4787, 5.0196

Deuteranopia

11.7389, 0.0931, 4.7592



Tritanopia

11.7714, -2.5069, -1.1971

Trichromacy



Original Color

11.6840, -6.1365, 4.7988

Protanomaly

11.4525, -3.2921, 4.8485

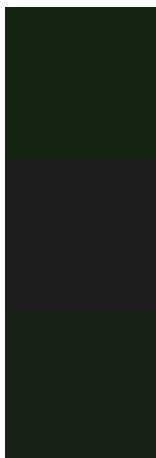
Deuteranomaly

11.6694, -2.4463, 4.6571

Tritanomaly

11.7785, -4.0802, 1.6563

Monochromacy



Original Color

11.6840, -6.1365, 4.7988

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

11.1177, -3.0579, 2.4742

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.6840, -6.1365, 4.7988 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(18, 35, 15)` looks like.

```
.text, #text, p{  
    color:rgb(18, 35, 15)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(18, 35, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 35, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 11.6840, -6.1365, 4.7988 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(18, 35, 15) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(18, 35, 15) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(18, 35, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 35, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 35, 15);  
box-shadow:4px 4px 4px 4px rgb(18, 35, 15)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.6840, -6.1365, 4.7988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 35, 15) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(18, 35,  
15) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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