

Converting Colors

HunterLab(11.5716, -6.4045,
8.1001)

Have a look what the booklet for
HunterLab(11.5716, -6.4045, 8.1001)
contains.

HunterLab(11.7653, -6.1096, 7.1428)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(11.7653, -6.1096,
7.1428)**

Conversions

Conversions Part 1

Format	Color
Hex	172300
RGB	23, 35, 0
RGB Percent	9%, 14%, 0%
CMY	0.9098, 0.8627, 1.0000
CMYK	0.34, 0.00, 1.00, 0.86
HSL	81°, 100%, 7%
HSV	81°, 100%, 14%
XYZ	0.9544, 1.3842, 0.2169
YIQ	27.4220, 4.0830, -13.4290

Conversions

Conversions Part 2

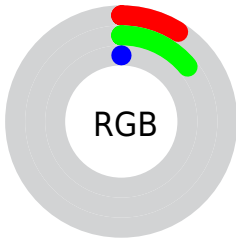
Format	Color
RYB	0, 35, 12
Decimal	1516288
CIELab	11.85, -12.18, 17.33
CIELCh	12, 21.187, 125.104
Yxy	1.3843, 0.3735, 0.5417
Android (android.graphics.Color)	4279706368 (0xFF172300)
YUV	27.4220, -13.5190, -3.8781
Hunter-Lab	11.7653, -6.1096, 7.1428

Details

The HunterLab color **11.7653, -6.1096, 7.1428** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4.4670, 10.3659, -18.1726**, and the grayscale version is **10.6379, -0.5676, 0.5780**.

A 20% lighter version of the original color is **26.5827, -9.1732, 10.2212**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7656, -6.1100, 7.1429**, and if you desaturate by 10%, it is **11.8594, -5.6768, 6.7058**.

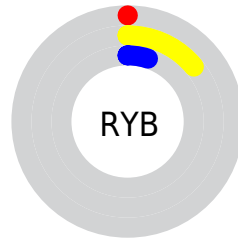
Distribution



Red (9%)

Green (14%)

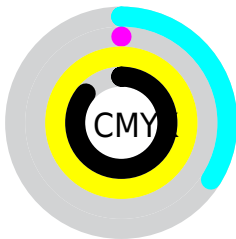
Blue (0%)



Red (0%)

Yellow (14%)

Blue (5%)

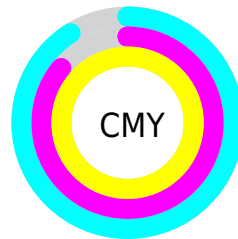


Cyan (34%)

Magenta (0%)

Yellow (100%)

Black (86%)



Cyan (91%)

Magenta (86%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.7653, -6.1096, 7.1428 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 11.7653, -6.1096, 7.1428 by changing the saturation by 10% instead.

■ 11.7653, -6.1096,
7.1428

■ 11.7653, -6.1096,
7.1428

■ 102.4052,
-17.6734, 21.0901

■ 4.5288, -7.9254,
3.1702

■ 26.4955, -8.9198,
10.1164

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.2207, -10.2190,
11.8301

0.0000, NaN, NaN

■ 44.7366, -11.4854,
13.4641

0.0000, NaN, NaN

■ 54.9823, -12.7329,
15.0441

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.9091, -13.9702,
16.5868

0.0000, NaN, NaN

■ 77.4768, -15.2035,

0.0000, NaN, NaN

18.1036

■ 89.6518, -16.4368,
19.6027

■ 11.7653, -6.1096,
7.1428

■ 11.7653, -6.1096,
7.1428

■ 11.7656, -6.1100,
7.1429

■ 11.8594, -5.6768,
6.7058

■ 11.9552, -5.2404,
6.2780

■ 12.0530, -4.8005,
5.8591

■ 12.1569, -4.3336,
5.3888

■ 12.2695, -3.8257,
4.8303

■ 12.3908, -3.2772,
4.1827

■ 12.5210, -2.6885,
3.4457

■ 12.6600, -2.0607,
2.6195

■ 12.8079, -1.3946,
1.7052

Harmonies

Analogous

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



11.7656, -1.5540, 8.2359



11.7653, -6.1096, 7.1428



11.7656, -8.7860, 4.1784

Triad

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



11.7656, -6.1099, 7.1429



11.7656, -4.7549, -12.6148



11.7656, 11.8565, 1.5002

Complementary

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



11.7653, -6.1096, 7.1428



4.4670, 10.3659, -18.1726

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.



11.7656, 10.5741, -4.4263



11.7653, -6.1096, 7.1428



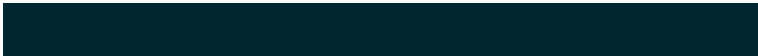
11.7656, 0.3267, -14.4178

Square

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



11.7656, -6.1099, 7.1429



11.7656, -8.0879, -6.7317



11.7656, 6.0866, -10.9099



11.7656, 9.3258, 5.3287

Rectangle

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



11.7653, -6.1096, 7.1428



11.7656, -9.4866, 1.4665



11.7656, 6.0866, -10.9099



11.7656, 11.8612, -0.2502

Sweetspot

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



11.7656, -6.1099, 7.1429



15.8943, -3.5890, 4.5991



7.8249, 5.0268, 4.9096



8.9127, -1.9726, 2.5280



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.



11.7656, -6.1099, 7.1429



14.9153, -7.9917, 9.0508



11.1345, -8.6789, 6.7090



7.6599, -0.7434, 0.8929



25.9774, -14.6199, 15.7512



71.4161, -41.9770, 43.2714

Inverse Universe

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



4.4670, 10.3659, -18.1726



5.5167, 13.0087, -24.0416



6.2050, 12.5816, -11.1507



7.2932, -0.0449, -0.1069



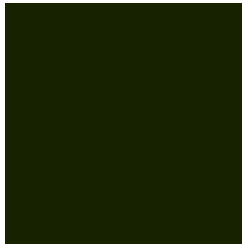
9.2179, 22.3287, -44.7619



24.4427, 60.7122, -130.3537

Previews

White Background



This preview shows how the HunterLab color 11.7653, -6.1096, 7.1428 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

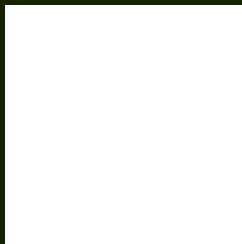
Any Text WCAG AAA × Fail

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

HunterLab 11.7653, -6.1096, 7.1428 Background



This preview shows how black text looks on a background with the HunterLab color 11.7653, -6.1096, 7.1428.

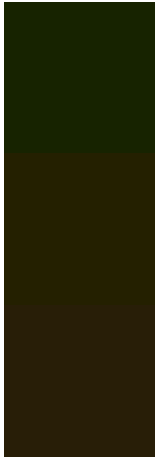


This preview shows how white text looks on a background with the HunterLab color 11.7653, -6.1096,

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

11.7653, -6.1096, 7.1428

Protanopia

11.8663, -2.0520, 7.2760

Deuteranopia

11.8110, 0.1518, 6.2715



Tritanopia

12.0086, -1.7031, -0.4810

Trichromacy



Original Color

11.7653, -6.1096, 7.1428

Protanomaly

11.7432, -3.6944, 7.1714

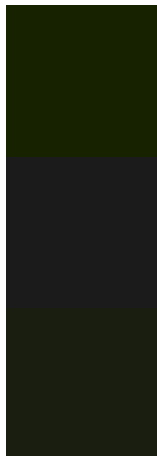
Deuteranomaly

11.7553, -2.3789, 6.6226

Tritanomaly

11.9231, -3.7558, 3.5066

Monochromacy



Original Color

11.7653, -6.1096, 7.1428

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.9024, -2.8467, 3.7842

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.7653, -6.1096, 7.1428 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(23, 35, 0)` looks like.

```
.text, #text, p{  
    color:rgb(23, 35, 0)  
}
```

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(23, 35, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 35, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 11.7653, -6.1096, 7.1428 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(23, 35, 0) }
```


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

```
.border{ border-color:rgb(23, 35, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 35, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 35, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(23, 35, 0); box-shadow:4px  
4px 4px 4px rgb(23, 35, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 11.7653, -6.1096, 7.1428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 35, 0) }
```

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

```
.background{ background-color: rgb(23, 35,  
0) }
```

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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