

Converting Colors

HunterLab(21.7884, -11.7157,
6.4460)

Have a look what the booklet for
HunterLab(21.7884, -11.7157,
6.4460) contains.

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Color

**HunterLab(21.8381,
-11.8238, 6.5093)**

Conversions

Conversions Part 1

Format	Color
Hex	21452D
RGB	33, 69, 45
RGB Percent	13%, 27%, 18%
CMY	0.8706, 0.7294, 0.8235
CMYK	0.52, 0.00, 0.35, 0.73
HSL	140°, 35%, 20%
HSV	140°, 52%, 27%
XYZ	3.2290, 4.7690, 3.2329
YIQ	55.5000, -13.7520, -15.0960

Conversions

Conversions Part 2

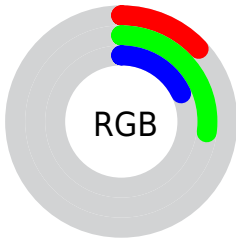
Format	Color
RYB	33, 60, 69
Decimal	2180397
CIELab	26.07, -19.38, 10.60
CIElCh	26, 22.092, 151.335
Yxy	4.7692, 0.2875, 0.4246
Android (android.graphics.Color)	4280370477 (0xFF21452D)
YUV	55.5000, -5.1765, -19.7325
Hunter-Lab	21.8381, -11.8238, 6.5093

Details

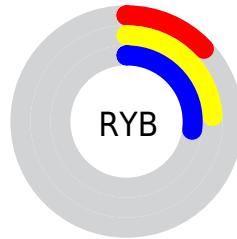
The HunterLab color **21.8381, -11.8238, 6.5093** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **16.2740, 12.5070, -3.8563**, and the grayscale version is **19.7367, -1.0531, 1.0723**.

A 20% lighter version of the original color is **39.2653, -15.6398, 8.9762**, and **8.8536, -7.5920, 5.3226** is the 20% darker color. If you saturate the color by 10%, you get **21.5251, -13.2335, 7.4036**, and if you desaturate by 10%, it is **22.2090, -10.2003, 5.5706**.

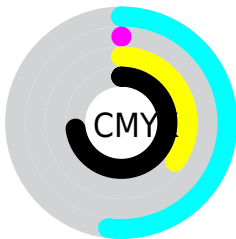
Distribution



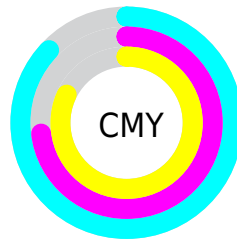
- Red (13%)
- Green (27%)
- Blue (18%)



- Red (13%)
- Yellow (24%)
- Blue (27%)



- Cyan (52%)
- Magenta (0%)
- Yellow (35%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8381, -11.8238, 6.5093 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 21.8381, -11.8238, 6.5093 by changing the saturation by 10% instead.

■ 21.8381, -11.8238,
6.5093

■ 21.8381, -11.8238,
6.5093

121.4798,
-26.8340, 17.0603

■ 14.5344, -9.7640,
5.2185

■ 39.1384, -15.5035,
8.9179

■ 8.1954, -10.7443,
5.7368

■ 48.9685, -17.2181,
10.0837

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.5066, -18.8825,
11.2402

0.0000, NaN, NaN

■ 70.7080, -20.5110,
12.3943

0.0000, NaN, NaN

■ 82.5354, -22.1140,
13.5505

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.9575, -23.6987,

14.7121

0.0000, NaN, NaN

107.9468,
-25.2706, 15.8815

21.8381, -11.8238,
6.5093

21.8381, -11.8238,
6.5093

21.5251, -13.2335,
7.4036

22.2090, -10.2003,
5.5706

21.2674, -14.4216,
8.2438

22.6368, -8.3732,
4.5962

21.0636, -15.3871,
9.0219

23.1217, -6.3576,
3.5954

20.9011, -16.1740,
9.7229

23.6628, -4.1702,
2.5771

20.7805, -16.7565,
10.1986

24.2587, -1.8292,
1.5494

■ 24.9079, 0.6472,
0.5196

■ 25.6081, 3.2408,
-0.5061

■ 26.3575, 5.9348,
-1.5225

■ 27.1535, 8.7133,
-2.5252

Harmonies

Analogous

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



21.8385, -7.7722, 9.5779



21.8381, -11.8238, 6.5093



21.8385, -13.1232, 0.8865

Triad

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



21.8385, -11.8241, 6.5095



21.8385, -0.8501, -16.0104



21.8385, 11.6464, 6.8830

Complementary

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



21.8381, -11.8238, 6.5093



16.2740, 12.5070, -3.8563

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.



21.8385, 14.0885, 1.4867



21.8381, -11.8238, 6.5093



21.8385, 6.3318, -12.9260

Square

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



21.8385, -11.8241, 6.5095



21.8385, -7.2904, -13.4052



21.8385, 12.0319, -5.9379



21.8385, 5.7169, 9.7405

Rectangle

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



21.8381, -11.8238, 6.5093



21.8385, -12.4035, -4.0367



21.8385, 12.0319, -5.9379



21.8385, 12.9338, 5.3754

Sweetspot

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



21.8385, -11.8241, 6.5095



30.4241, -6.7134, 3.9413



22.9213, -7.9922, 10.2621



15.8007, -3.6230, 2.1112



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



21.8385, -11.8241, 6.5095



27.8495, -17.7426, 9.9926



22.2081, -9.6395, 1.1939



12.9013, -1.8158, 1.1970



30.1991, -24.5877, 15.3316



74.4498, -61.3619, 39.4070

Inverse Universe

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



16.2740, 12.5070, -3.8563



19.1673, 20.5638, -6.0139



15.8225, 10.3794, 2.5417



12.3620, 0.5063, 0.1815



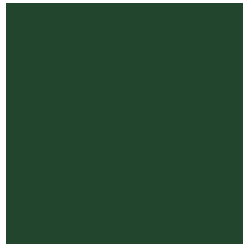
17.5356, 32.2936, -6.2139



43.0894, 78.9998, -12.5282

Previews

White Background



This preview shows how the HunterLab color 21.8381, -11.8238, 6.5093 looks on a white background.

Color Contrast Check

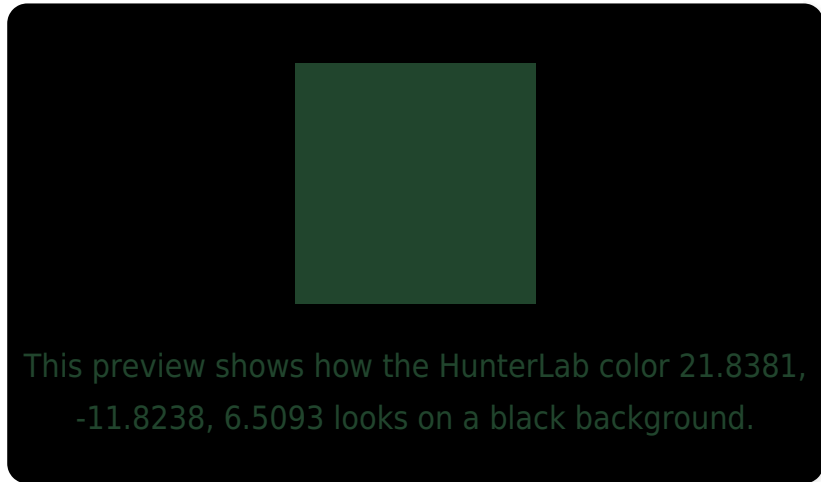
Large Text (above 18pt) WCAG AA ✓ Pass

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

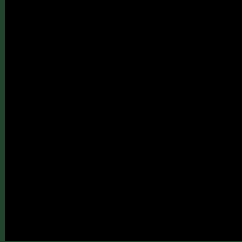
Any Text WCAG AA × Fail

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 21.8381, -11.8238, 6.5093 Background



This preview shows how black text looks on a background with the HunterLab color 21.8381, -11.8238, 6.5093.



This preview shows how white text looks on a background with the HunterLab color 21.8381,

-11.8238, 6.5093.

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

21.8381, -11.8238, 6.5093

Protanopia

21.9219, -2.0861, 7.5473

Deuteranopia

21.7046, 1.0776, 6.0467



Tritanopia

21.9146, -6.0902, -2.7311

Trichromacy



Original Color

21.8381, -11.8238, 6.5093

Protanomaly

21.8340, -6.3103, 7.1373

Deuteranomaly

21.5681, -4.5107, 6.1057

Tritanomaly

21.8069, -8.3703, 0.8998

Monochromacy



Original Color

21.8381, -11.8238, 6.5093

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.5275, -5.4232, 3.1704

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8381, -11.8238, 6.5093 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(33, 69, 45)` looks like.

```
.text, #text, p{  
    color:rgb(33, 69, 45)  
}
```

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(33, 69, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 69, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8381, -11.8238, 6.5093 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(33, 69, 45) }
```


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

```
.border{ border-color:rgb(33, 69, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 69, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 69, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 69, 45);  
box-shadow:4px 4px 4px 4px rgb(33, 69, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8381, -11.8238, 6.5093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 69, 45) }
```

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

```
.background{ background-color: rgb(33, 69,  
45) }
```

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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