

Converting Colors

HunterLab(21.8319, 6.5786,
12.5033)

Have a look what the booklet for
HunterLab(21.8319, 6.5786,
12.5033) contains.

HunterLab(21.8889, 6.6408, 12.5727)	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(21.8889, 6.6408,
12.5727)**

Conversions

Conversions Part 1

Format	Color
Hex	59360D
RGB	89, 54, 13
RGB Percent	35%, 21%, 5%
CMY	0.6510, 0.7882, 0.9490
CMYK	0.00, 0.39, 0.85, 0.65
HSL	32°, 75%, 20%
HSV	32°, 85%, 35%
XYZ	5.5116, 4.7912, 1.0151
YIQ	59.7910, 34.0210, -5.3310

Conversions

Conversions Part 2

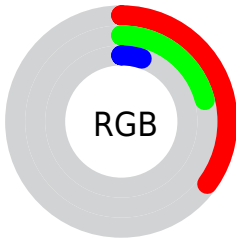
Format	Color
R_{YB}	78, 89, 13
Decimal	5846541
CIE Lab	26.13, 11.93, 30.55
CIE LCh	26, 32.794, 68.671
Yxy	4.7915, 0.4870, 0.4233
Android (android.graphics.Color)	4284036621 (0xFF59360D)
YUV	59.7910, -23.0680, 25.6163
Hunter-Lab	21.8889, 6.6408, 12.5727

Details

The HunterLab color **21.8889, 6.6408, 12.5727** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **17.0898, 1.6994, -22.2286**, and the grayscale version is **21.2542, -1.1341, 1.1548**.

A 20% lighter version of the original color is **39.3097, 7.2454, 18.3116**, and **8.3323, 6.1591, 5.2422** is the 20% darker color. If you saturate the color by 10%, you get **20.9901, 8.1580, 12.7441**, and if you desaturate by 10%, it is **22.8423, 5.2078, 12.2092**.

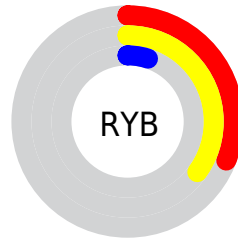
Distribution



Red (35%)

Green (21%)

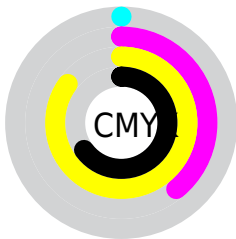
Blue (5%)



Red (31%)

Yellow (35%)

Blue (5%)

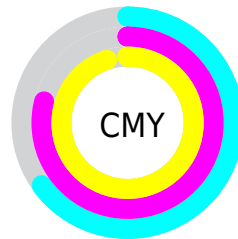


Cyan (0%)

Magenta (39%)

Yellow (85%)

Black (65%)



Cyan (65%)

Magenta (79%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8889, 6.6408, 12.5727 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 21.8889, 6.6408, 12.5727 by changing the saturation by 10% instead.

■ 21.8889, 6.6408,
12.5727

■ 21.8889, 6.6408,
12.5727

■ 121.5700, 6.7388,
34.1440

■ 14.5789, 6.1779,
10.2052

■ 39.2002, 7.1941,
18.1962

■ 8.2394, 5.9457,
5.7676

■ 49.0351, 7.3276,
20.7349

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.5777, 7.3828,
23.1504

0.0000, NaN, NaN

■ 70.7833, 7.3686,
25.4707

0.0000, NaN, NaN

■ 82.6147, 7.2920,
27.7166

0.0000, NaN, NaN


0.0000, NaN, NaN

■ 95.0405, 7.1586,


29.9034

0.0000, NaN, NaN


 108.0335, 6.9729,
32.0428


 21.8889, 6.6408,
12.5727


 21.8889, 6.6408,
12.5727


 20.9901, 8.1580,
12.7441


 22.8423, 5.2078,
12.2092

 20.5889, 8.8560,
12.8418

 23.8510, 3.8979,
11.5767

 24.9125, 2.7137,
10.6840

 26.0237, 1.6552,
9.5445

 27.1812, 0.7193,
8.1742

■ 28.3820, -0.0986,
6.5898

■ 29.6233, -0.8043,
4.8082

■ 30.9023, -1.4044,
2.8454

■ 32.2165, -1.9055,
0.7164

Harmonies

Analogous

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



21.8895, 16.8569, 10.0939



21.8889, 6.6408, 12.5727



21.8895, -4.1204, 12.9296

Triad

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



21.8895, 6.6395, 12.5729



21.8895, -17.7186, -1.8946



21.8895, 12.8737, -19.6358

Complementary

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



21.8889, 6.6408, 12.5727



17.0898, 1.6994, -22.2286

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.



21.8895, 1.9473, -27.4275



21.8889, 6.6408, 12.5727



21.8895, -14.7662, -14.4575

Square

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



21.8895, 6.6395, 12.5729



21.8895, -16.9341, 7.0720



21.8895, -8.0166, -25.1836



21.8895, 20.9005, -6.9750

Rectangle

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



21.8889, 6.6408, 12.5727



21.8895, -10.0095, 12.2103



21.8895, -8.0166, -25.1836



21.8895, 9.3438, -23.1293

Sweetspot

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



21.8895, 6.6395, 12.5729



36.8673, 0.0147, 8.9247



16.2142, 24.5441, 0.0097



18.3863, 0.1185, 4.7226



70.1359, -3.7423, 3.8106



20.7927, -1.1094, 1.1297

Same Dimension

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



21.8895, 6.6395, 12.5729



26.5766, 12.2934, 16.5916



30.2893, -8.6551, 17.7671



15.0938, -0.6016, 1.7453



24.7711, 11.2537, 15.4608



57.1502, 30.1142, 35.7429

Inverse Universe

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



17.0898, 1.6994, -22.2286



19.4007, 6.0354, -37.2780



10.5606, 17.9088, -46.2403



14.8165, -0.9535, -0.1679



18.1302, 5.3974, -34.3126



40.8742, 17.1372, -88.0835

Previews

White Background



This preview shows how the HunterLab color 21.8889, 6.6408, 12.5727 looks on a white background.

Color Contrast Check

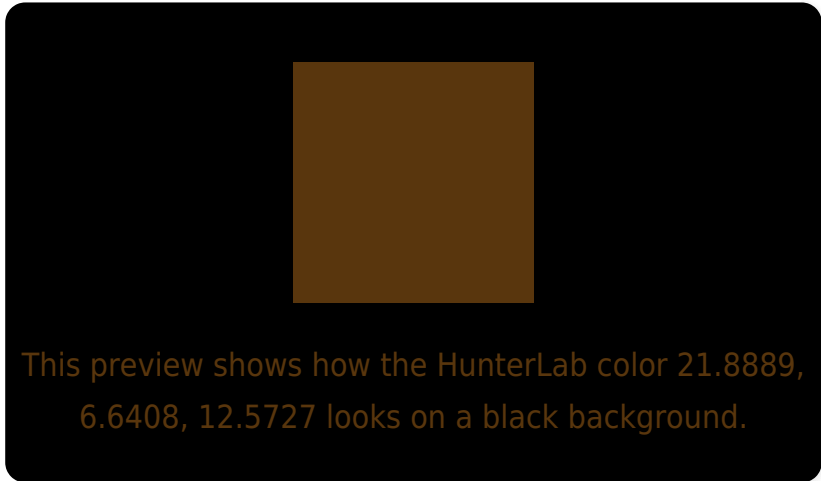
Large Text (above 18pt) WCAG AA ✓ Pass

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

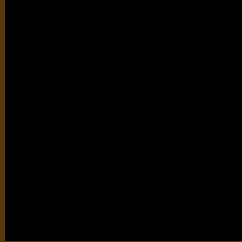
Any Text WCAG AA × Fail

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 21.8889, 6.6408, 12.5727 Background



This preview shows how black text looks on a background with the HunterLab color 21.8889, 6.6408, 12.5727.



This preview shows how white text looks on a background with the HunterLab color 21.8889, 6.6408,

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

21.8889, 6.6408, 12.5727

Protanopia

22.1169, -3.2780, 12.3594

Deuteranopia

21.9365, 1.0208, 12.7589



Tritanopia

21.8442, 11.7891, 4.1940

Trichromacy



Original Color

21.8889, 6.6408, 12.5727

Protanomaly

22.0027, 0.0764, 12.4398

Deuteranomaly

21.8847, 3.2243, 12.6840

Tritanomaly

21.6513, 9.6508, 8.2542

Monochromacy



Original Color

21.8889, 6.6408, 12.5727

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.3076, 0.8087, 6.7842

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8889, 6.6408, 12.5727 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(89, 54, 13)` looks like.

```
.text, #text, p{  
    color:rgb(89, 54, 13)  
}
```

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(89, 54, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 54, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8889, 6.6408, 12.5727 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(89, 54, 13) }
```


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

```
.border{ border-color:rgb(89, 54, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 54, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 54, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 54, 13);  
box-shadow:4px 4px 4px 4px rgb(89, 54, 13)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8889, 6.6408, 12.5727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 54, 13) }
```

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

```
.background{ background-color: rgb(89, 54,  
13) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor