

Converting Colors

HunterLab(21.8213, 6.3952,
11.9859)

Have a look what the booklet for
HunterLab(21.8213, 6.3952,
11.9859) contains.

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Color

**HunterLab(21.8099, 6.4608,
11.9966)**

Conversions

Conversions Part 1

Format	Color
Hex	583612
RGB	88, 54, 18
RGB Percent	35%, 21%, 7%
CMY	0.6549, 0.7882, 0.9294
CMYK	0.00, 0.39, 0.80, 0.65
HSL	31°, 66%, 21%
HSV	31°, 80%, 35%
XYZ	5.4529, 4.7567, 1.2030
YIQ	60.0620, 31.8200, -3.9880

Conversions

Conversions Part 2

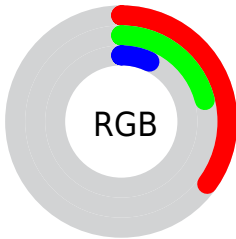
Format	Color
R_{YB}	84, 88, 18
Decimal	5781010
CIE _{Lab}	26.03, 11.67, 27.92
CIE _{LCh}	26, 30.263, 67.309
Yxy	4.7570, 0.4778, 0.4168
Android (android.graphics.Color)	4283971090 (0xFF583612)
YUV	60.0620, -20.7366, 24.5016
Hunter-Lab	21.8099, 6.4608, 11.9966

Details

The HunterLab color **21.8099, 6.4608, 11.9966** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **18.1355, 0.1410, -19.0060**, and the grayscale version is **21.3403, -1.1387, 1.1595**.

A 20% lighter version of the original color is **39.1522, 6.8706, 17.1243**, and **8.2159, 5.8448, 5.1649** is the 20% darker color. If you saturate the color by 10%, you get **20.8637, 8.0109, 12.2455**, and if you desaturate by 10%, it is **22.8188, 5.0233, 11.4859**.

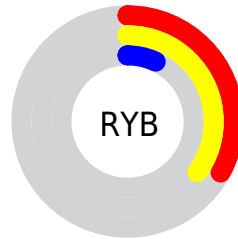
Distribution



Red (35%)

Green (21%)

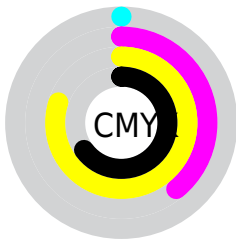
Blue (7%)



Red (33%)

Yellow (35%)

Blue (7%)

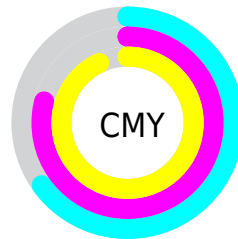


Cyan (0%)

Magenta (39%)

Yellow (80%)

Black (65%)



Cyan (65%)

Magenta (79%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8099, 6.4608, 11.9966 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 21.8099, 6.4608, 11.9966 by changing the saturation by 10% instead.

■ 21.8099, 6.4608,
11.9966

■ 21.8099, 6.4608,
11.9966

■ 121.4300, 6.4550,
32.0615

■ 14.5099, 6.0128,
10.1569

■ 39.1043, 6.9869,
17.1875

■ 8.1710, 5.8423,
5.7197

■ 48.9317, 7.1079,
19.5380

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.4674, 7.1512,
21.7803

0.0000, NaN, NaN

■ 70.6664, 7.1256,
23.9399

0.0000, NaN, NaN

■ 82.4917, 7.0382,
26.0356

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.9116, 6.8944,

28.0812

0.0000, NaN, NaN

■ 107.8990, 6.6988,
30.0871

■ 21.8099, 6.4608,
11.9966

■ 21.8099, 6.4608,
11.9966

■ 20.8637, 8.0109,
12.2455

■ 22.8188, 5.0233,
11.4859

■ 19.9681, 9.5959,
12.4381

■ 23.8853, 3.7093,
10.7188

■ 19.9283, 9.6675,
12.4490

■ 25.0061, 2.5196,
9.7088

■ 26.1775, 1.4522,
8.4723

■ 27.3959, 0.5033,
7.0267

■ 28.6579, -0.3330,
5.3892

■ 29.9605, -1.0630,
3.5766

■ 31.3007, -1.6935,
1.6042

■ 32.6760, -2.2315,
-0.5138

Harmonies

Analogous

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



21.8105, 15.6310, 9.4011



21.8099, 6.4608, 11.9966



21.8105, -3.4742, 12.4372

Triad

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



21.8105, 6.4596, 11.9968



21.8105, -16.6789, -1.1783



21.8105, 11.2511, -18.0201

Complementary

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



21.8099, 6.4608, 11.9966



18.1355, 0.1410, -19.0060

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.



21.8105, 1.2446, -24.5582



21.8099, 6.4608, 11.9966



21.8105, -14.0415, -12.4395

Square

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



21.8105, 6.4596, 11.9968



21.8105, -15.7722, 6.9548



21.8105, -7.8674, -22.1636



21.8105, 18.7158, -6.7730

Rectangle

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



21.8099, 6.4608, 11.9966



21.8105, -9.0372, 11.7646



21.8105, -7.8674, -22.1636



21.8105, 8.0114, -21.0227

Sweetspot

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



21.8105, 6.4596, 11.9968



37.0131, 0.1221, 8.2935



16.6264, 23.3317, -1.3574



18.4347, 0.1941, 4.4254



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.



21.8105, 6.4596, 11.9968



26.5792, 12.4566, 16.2285



30.1625, -7.6698, 17.3268



15.0686, -0.5593, 1.7178



24.2329, 12.4368, 15.1499



55.8447, 33.0832, 34.9904

Inverse Universe

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



18.1355, 0.1410, -19.0060



20.8913, 3.5950, -32.8818



11.2509, 15.6470, -41.4468



14.8420, -0.9955, -0.1369



18.7645, 4.1455, -32.4030



42.4220, 13.9060, -83.0428

Previews

White Background



This preview shows how the HunterLab color 21.8099, 6.4608, 11.9966 looks on a white background.

Color Contrast Check

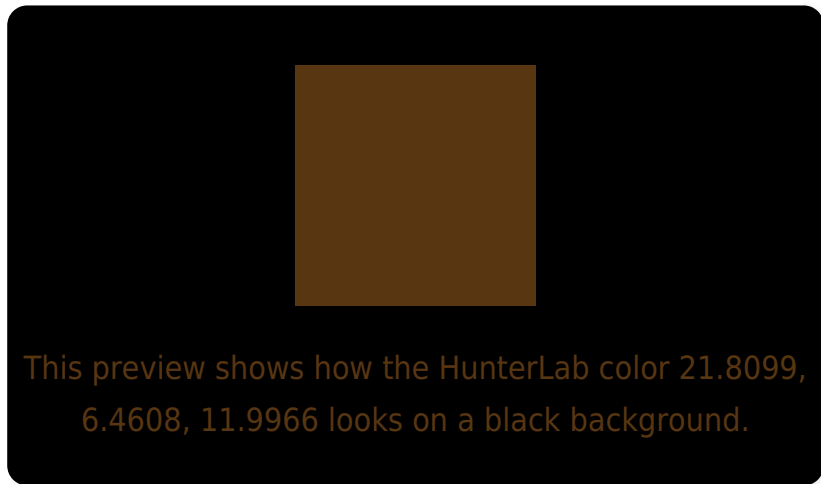
Large Text (above 18pt) WCAG AA ✓ Pass

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

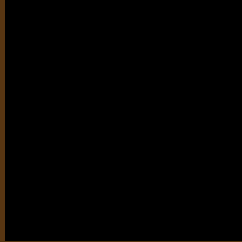
Any Text WCAG AA × Fail

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 21.8099, 6.4608, 11.9966 Background



This preview shows how black text looks on a background with the HunterLab color 21.8099, 6.4608, 11.9966.



This preview shows how white text looks on a background with the HunterLab color 21.8099, 6.4608,

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

21.8099, 6.4608, 11.9966

Protanopia

21.9040, -2.6818, 11.6588

Deuteranopia

21.8747, 0.8826, 12.1659



Tritanopia

21.9264, 11.0125, 4.2665

Trichromacy



Original Color

21.8099, 6.4608, 11.9966

Protanomaly

21.8008, 0.6758, 11.7698

Deuteranomaly

21.8187, 3.0823, 12.0575

Tritanomaly

21.7714, 9.0275, 7.8605

Monochromacy



Original Color

21.8099, 6.4608, 11.9966

Achromatopsia

21.2570, -1.1342, 1.1549

Achromatomaly

21.2548, 0.7005, 6.1841

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8099, 6.4608, 11.9966 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(88, 54, 18)` looks like.

```
.text, #text, p{  
    color:rgb(88, 54, 18)  
}
```

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(88, 54, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 54, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8099, 6.4608, 11.9966 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(88, 54, 18) }
```


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

```
.border{ border-color:rgb(88, 54, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 54, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 54, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 54, 18);  
box-shadow:4px 4px 4px 4px rgb(88, 54, 18)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8099, 6.4608, 11.9966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 54, 18) }
```

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

```
.background{ background-color: rgb(88, 54,  
18) }
```

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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