

Converting Colors

HunterLab(21.4417, 2.2536,
11.9843)

Have a look what the booklet for
HunterLab(21.4417, 2.2536,
11.9843) contains.

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Color

**HunterLab(21.5012, 2.0044,
12.0378)**

Conversions

Conversions Part 1

Format	Color
Hex	4F390F
RGB	79, 57, 15
RGB Percent	31%, 22%, 6%
CMY	0.6902, 0.7765, 0.9412
CMYK	0.00, 0.28, 0.81, 0.69
HSL	39°, 68%, 18%
HSV	39°, 81%, 31%
XYZ	4.7738, 4.6230, 1.0927
YIQ	58.7900, 26.5940, -8.3980

Conversions

Conversions Part 2

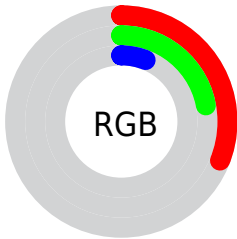
Format	Color
RYB	49, 79, 15
Decimal	5191951
CIELab	25.63, 5.03, 28.64
CIELCh	26, 29.079, 80.047
Yxy	4.6232, 0.4551, 0.4407
Android (android.graphics.Color)	4283382031 (0xFF4F390F)
YUV	58.7900, -21.5885, 17.7242
Hunter-Lab	21.5012, 2.0044, 12.0378

Details

The HunterLab color **21.5012, 2.0044, 12.0378** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14.1037, 4.0461, -22.3350**, and the grayscale version is **20.9066, -1.1155, 1.1359**.

A 20% lighter version of the original color is **38.7971, 1.6976, 17.4033**, and **7.9558, 2.5881, 4.9477** is the 20% darker color. If you saturate the color by 10%, you get **20.8398, 2.8960, 12.3119**, and if you desaturate by 10%, it is **22.1945, 1.2052, 11.5456**.

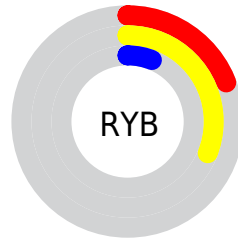
Distribution



Red (31%)

Green (22%)

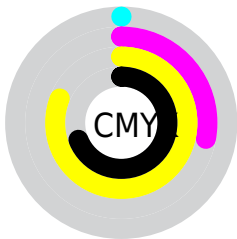
Blue (6%)



Red (19%)

Yellow (31%)

Blue (6%)

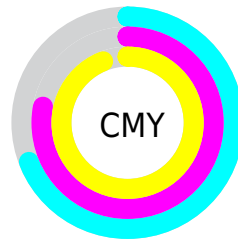


Cyan (0%)

Magenta (28%)

Yellow (81%)

Black (69%)



Cyan (69%)

Magenta (78%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5012, 2.0044, 12.0378 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 21.5012, 2.0044, 12.0378 by changing the saturation by 10% instead.

■ 21.5012, 2.0044,
12.0378

■ 21.5012, 2.0044,
12.0378

■ 120.8819, -0.9578,
32.5528

■ 14.2406, 2.0109,
9.9684

■ 38.7289, 1.7318,
17.3651

■ 7.8971, 2.3516,
5.5279

■ 48.5272, 1.4945,
19.7726

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.0356, 1.2005,
22.0664

0.0000, NaN, NaN

■ 70.2090, 0.8555,
24.2731

0.0000, NaN, NaN

■ 82.0100, 0.4640,
26.4124

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.4068, 0.0294,

28.4986

0.0000, NaN, NaN

■ 107.3721, -0.4454,
30.5425

■ 21.5012, 2.0044,
12.0378

■ 21.5012, 2.0044,
12.0378

■ 20.8398, 2.8960,
12.3119

■ 22.1945, 1.2052,
11.5456

■ 20.2596, 3.7139,
12.5489

■ 22.9187, 0.5119,
10.8132

■ 23.6737, -0.0754,
9.8438

■ 24.4583, -0.5574,
8.6438

■ 25.2715, -0.9363,
7.2222

■ 26.1120, -1.2150,
5.5892

■ 26.9787, -1.3975,
3.7559

■ 27.8705, -1.4878,
1.7337

■ 28.7860, -1.4904,
-0.4660

Harmonies

Analogous

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



21.5017, 11.4654, 10.5019



21.5012, 2.0044, 12.0378



21.5017, -6.8958, 11.7519

Triad

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



21.5017, 2.0034, 12.0380



21.5017, -15.4003, -5.4524



21.5017, 14.2040, -12.7249

Complementary

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



21.5012, 2.0044, 12.0378



14.1037, 4.0461, -22.3350

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.



21.5017, 5.2743, -21.4728



21.5012, 2.0044, 12.0378



21.5017, -11.3924, -16.1926

Square

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



21.5017, 2.0034, 12.0380



21.5017, -15.9756, 3.8868



21.5017, -4.1285, -22.9565



21.5017, 19.2542, -1.9543

Rectangle

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



21.5012, 2.0044, 12.0378



21.5017, -11.4101, 10.4935



21.5017, -4.1285, -22.9565



21.5017, 11.4925, -16.1622

Sweetspot

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



21.5017, 2.0034, 12.0380



33.6153, -1.4597, 8.1338



14.6289, 19.9800, 2.1359



16.6731, -0.6937, 4.2666



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



21.5017, 2.0034, 12.0380



26.3910, 4.9690, 16.1516



26.2799, -9.5498, 15.0066



13.6158, -0.7148, 1.6467



26.1382, 5.3611, 16.2001



62.2499, 15.7346, 38.6335

Inverse Universe

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



14.1037, 4.0461, -22.3350



15.1868, 9.8622, -39.5446



10.5254, 15.0451, -34.9191



13.1718, -0.6807, -0.2451



14.7135, 10.6594, -41.4012



33.5563, 31.7086, -110.3921

Previews

White Background



This preview shows how the HunterLab color 21.5012, 2.0044, 12.0378 looks on a white background.

Color Contrast Check

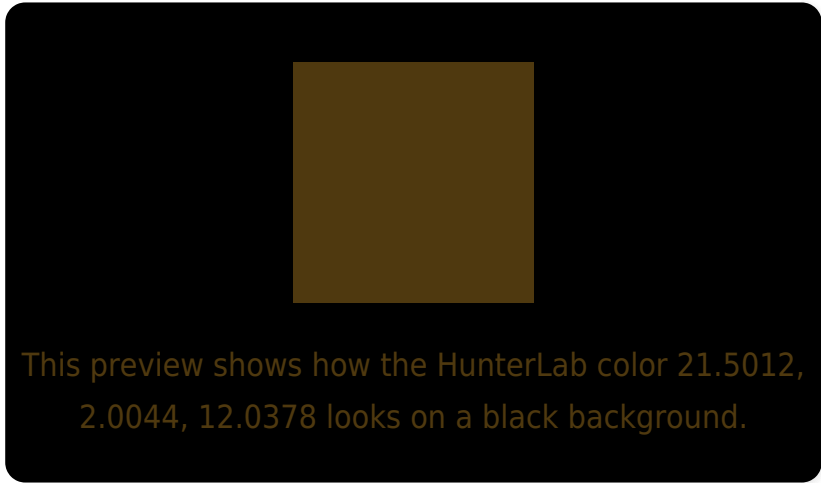
Large Text (above 18pt) WCAG AA ✓ Pass

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

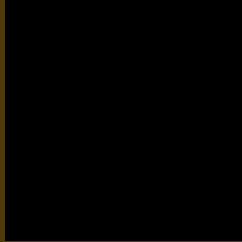
Any Text WCAG AA × Fail

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 21.5012, 2.0044, 12.0378 Background



This preview shows how black text looks on a background with the HunterLab color 21.5012, 2.0044, 12.0378.



This preview shows how white text looks on a background with the HunterLab color 21.5012, 2.0044,

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

21.5012, 2.0044, 12.0378

Protanopia

21.5409, -2.7562, 11.8759

Deuteranopia

21.5369, 0.9317, 12.0431



Tritanopia

21.4265, 7.5313, 2.6235

Trichromacy



Original Color

21.5012, 2.0044, 12.0378

Protanomaly

21.6462, -1.1271, 11.9759

Deuteranomaly

21.6340, 1.2594, 12.1142

Tritanomaly

21.2391, 5.2344, 7.0642

Monochromacy



Original Color

21.5012, 2.0044, 12.0378

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.8777, -0.6622, 6.3626

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5012, 2.0044, 12.0378 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(79, 57, 15)` looks like.

```
.text, #text, p{  
    color:rgb(79, 57, 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(79, 57, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 57, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5012, 2.0044, 12.0378 is called "border". The border property can be set on classes, ids or directly on the HTML element.

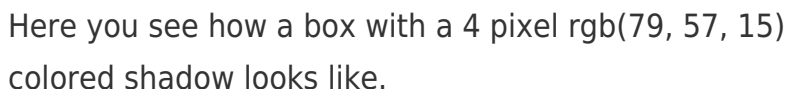
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(79, 57, 15) }
```


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

```
.border{ border-color:rgb(79, 57, 15) }
```

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



Here you see how a box with a 4 pixel `rgb(79, 57, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 57, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 57, 15);  
box-shadow:4px 4px 4px 4px rgb(79, 57, 15)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.5012, 2.0044, 12.0378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 57, 15) }
```

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

```
.background{ background-color: rgb(79, 57,  
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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