

Converting Colors

HunterLab(12.2544, 21.3783,
4.8924)

Have a look what the booklet for
HunterLab(12.2544, 21.3783,
4.8924) contains.

HunterLab(12.2591, 21.3777, 4.9486)	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(12.2591, 21.3777,
4.9486)**

Conversions

Conversions Part 1

Format	Color
Hex	4A0013
RGB	74, 0, 19
RGB Percent	29%, 0%, 7%
CMY	0.7098, 1.0000, 0.9255
CMYK	0.00, 1.00, 0.74, 0.71
HSL	345°, 100%, 15%
HSV	345°, 100%, 29%
XYZ	2.9416, 1.5029, 0.7511
YIQ	24.2920, 38.0050, 21.5970

Conversions

Conversions Part 2

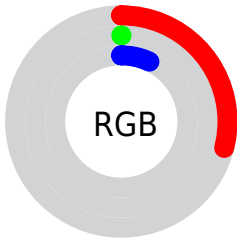
Format	Color
R_{YB}	74, 0, 19
Decimal	4849683
CIE Lab	12.63, 33.59, 11.03
CIE LCh	13, 35.355, 18.172
Yxy	1.5029, 0.5662, 0.2893
Android (android.graphics.Color)	4283039763 (0xFF4A0013)
YUV	24.2920, -2.6090, 43.5939
Hunter-Lab	12.2591, 21.3777, 4.9486

Details

The HunterLab color **12.2591, 21.3777, 4.9486** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.7452, -15.1736, 4.3267**, and the grayscale version is **9.6455, -0.5147, 0.5241**.

A 20% lighter version of the original color is **27.1700, 24.5382, 7.5375**, and **1.7962, 3.0761, 1.1607** is the 20% darker color. If you saturate the color by 10%, you get **12.2590, 21.3774, 4.9492**, and if you desaturate by 10%, it is **12.9793, 19.5690, 4.2671**.

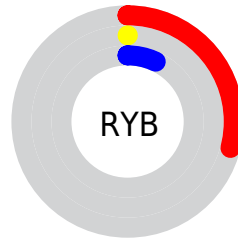
Distribution



Red (29%)

Green (0%)

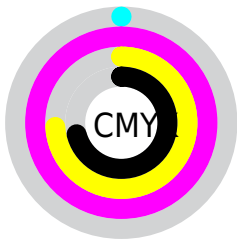
Blue (7%)



Red (29%)

Yellow (0%)

Blue (7%)

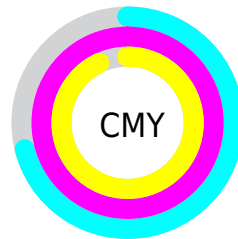


Cyan (0%)

Magenta (100%)

Yellow (74%)

Black (71%)



Cyan (71%)

Magenta (100%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.2591, 21.3777, 4.9486 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 12.2591, 21.3777, 4.9486 by changing the saturation by 10% instead.

■ 12.2591, 21.3777,
4.9486

■ 12.2591, 21.3777,
4.9486

■ 103.4159, 31.3775,
15.8551

■ 5.3926, 27.7338,
3.7748

■ 27.1410, 24.4275,
7.5211

0.0000, INF, NaN

0.0000, NaN, NaN

■ 35.9300, 25.7651,
8.7486

0.0000, NaN, NaN

■ 45.5044, 26.9705,
9.9480

0.0000, NaN, NaN

■ 55.8045, 28.0542,
11.1326

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 66.7822, 29.0273,
12.3108


0.0000, NaN, NaN


■ 78.3981, 29.8998,


0.0000, NaN, NaN


13.4882


 90.6188, 30.6807,
14.6687


 12.2591, 21.3777,
4.9486


 12.2591, 21.3777,
4.9486


 12.2590, 21.3774,
4.9492

 12.9793, 19.5690,
4.2671

 13.7322, 17.9082,
3.4718

 14.7032, 15.8583,
2.7673

 15.8889, 13.5206,
2.1989

 17.2641, 11.0298,
1.7752

■ 18.8027, 8.4833,
1.4896

■ 20.4813, 5.9423,
1.3278

■ 22.2794, 3.4402,
1.2731

■ 24.1801, 0.9922,
1.3092

Harmonies

Analogous

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



12.2595, 22.2105, -3.3556



12.2591, 21.3777, 4.9486



12.2595, 13.6918, 8.5816

Triad

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



12.2595, 21.3762, 4.9489



12.2595, -11.4730, 8.5816



12.2595, -4.1084, -30.3774

Complementary

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



12.2591, 21.3777, 4.9486



22.7452, -15.1736, 4.3267

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.



12.2595, -10.4896, -19.9739



12.2591, 21.3777, 4.9486



12.2595, -14.4087, 3.6666

Square

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



12.2595, 21.3762, 4.9489



12.2595, -5.7473, 8.5816



12.2595, -14.0488, -5.9101



12.2595, 5.4342, -28.9846

Rectangle

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



12.2591, 21.3777, 4.9486



12.2595, 6.7261, 8.5816



12.2595, -14.0488, -5.9101



12.2595, -6.6193, -27.9463

Sweetspot

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



12.2595, 21.3762, 4.9489



26.7612, 8.2363, 1.7699



11.3411, 23.7791, -26.4644



13.2061, 4.4775, 0.9062



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



12.2595, 21.3762, 4.9489



16.1417, 28.0746, 7.0856



13.6571, 15.6855, 8.6895



13.0733, 0.3642, 0.7062



17.0299, 29.6071, 7.5719



41.2980, 71.4866, 20.7753

Inverse Universe

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



12.2595, 21.3762, 4.9489



16.1417, 28.0746, 7.0856



18.4241, -6.2182, -9.6043



13.0733, 0.3642, 0.7062



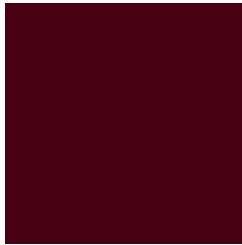
17.0299, 29.6071, 7.5719



41.2980, 71.4866, 20.7753

Previews

White Background



This preview shows how the HunterLab color 12.2591, 21.3777, 4.9486 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 12.2591, 21.3777, 4.9486 Background



This preview shows how black text looks on a background with the HunterLab color 12.2591, 21.3777, 4.9486.



This preview shows how white text looks on a background with the HunterLab color 12.2591, 21.3777,

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

12.2591, 21.3777, 4.9486

Protanopia

13.8782, -1.2647, 3.5636

Deuteranopia

13.7862, 0.3376, 6.5572



Tritanopia

12.8081, 18.5350, 7.5521

Trichromacy



Original Color

12.2591, 21.3777, 4.9486

Protanomaly

12.0562, 7.3030, 3.0339

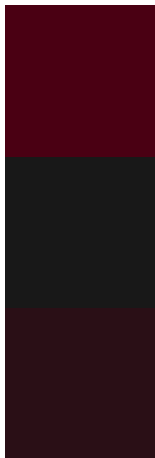
Deuteranomaly

12.3291, 8.6435, 5.3910

Tritanomaly

12.5948, 19.5282, 6.7510

Monochromacy



Original Color

12.2591, 21.3777, 4.9486

Achromatopsia

9.5572, -0.5099, 0.5193

Achromatomaly

9.4436, 7.4881, 1.1846

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.2591, 21.3777, 4.9486 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(74, 0, 19)` looks like.

```
.text, #text, p{  
    color:rgb(74, 0, 19)  
}
```

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(74, 0, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 0, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 12.2591, 21.3777, 4.9486 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(74, 0, 19) }
```


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

```
.border{ border-color:rgb(74, 0, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 0, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 0, 19); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 0, 19); box-shadow:4px  
4px 4px 4px rgb(74, 0, 19) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.2591, 21.3777, 4.9486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 0, 19) }
```

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

```
.background{ background-color: rgb(74, 0,  
19) }
```

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