

Converting Colors

HunterLab(12.2352, 21.1695,
6.2318)

Have a look what the booklet for
HunterLab(12.2352, 21.1695,
6.2318) contains.

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Color

**HunterLab(12.1753, 21.0687,
6.1774)**

Conversions

Conversions Part 1

Format	Color
Hex	4A000C
RGB	74, 0, 12
RGB Percent	29%, 0%, 5%
CMY	0.7098, 1.0000, 0.9529
CMYK	0.00, 1.00, 0.84, 0.71
HSL	350°, 100%, 15%
HSV	350°, 100%, 29%
XYZ	2.8904, 1.4824, 0.4816
YIQ	23.4940, 40.2520, 19.4200

Conversions

Conversions Part 2

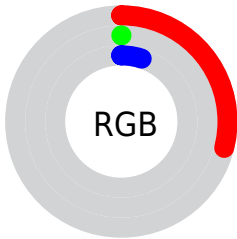
Format	Color
R_{YB}	74, 0, 12
Decimal	4849676
CIE _{Lab}	12.50, 33.24, 14.66
CIE _{LCh}	12, 36.326, 23.795
Yxy	1.4825, 0.5954, 0.3054
Android (android.graphics.Color)	4283039756 (0xFF4A000C)
YUV	23.4940, -5.6665, 44.2938
Hunter-Lab	12.1753, 21.0687, 6.1774

Details

The HunterLab color **12.1753, 21.0687, 6.1774** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **22.9028, -14.2167, 2.0641**, and the grayscale version is **9.4134, -0.5023, 0.5114**.

A 20% lighter version of the original color is **27.0574, 24.0280, 9.1731**, and **1.1360, 1.9455, 0.7341** is the 20% darker color. If you saturate the color by 10%, you get **12.1752, 21.0684, 6.1779**, and if you desaturate by 10%, it is **12.8876, 19.2089, 5.6051**.

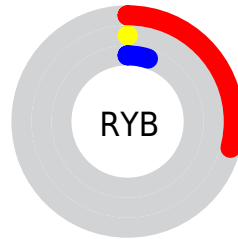
Distribution



Red (29%)

Green (0%)

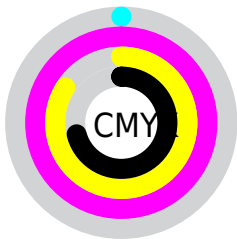
Blue (5%)



Red (29%)

Yellow (0%)

Blue (5%)

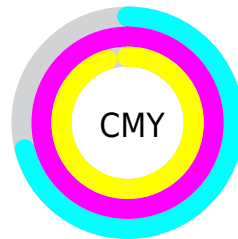


Cyan (0%)

Magenta (100%)

Yellow (84%)

Black (71%)



Cyan (71%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.1753, 21.0687, 6.1774 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 12.1753, 21.0687, 6.1774 by changing the saturation by 10% instead.

12.1753, 21.0687,
6.1774

12.1753, 21.0687,
6.1774

103.2451, 30.9566,
18.9597

5.2569, 28.0187,
3.6798

27.0318, 24.0966,
9.1334

0.0000, INF, NaN

0.0000, NaN, NaN

35.8100, 25.4212,
10.6339

0.0000, NaN, NaN

45.3746, 26.6134,
12.0782

0.0000, NaN, NaN

55.6655, 27.6839,
13.4861

0.0000, NaN, NaN

0.0000, NaN, NaN

66.6346, 28.6440,
14.8706


0.0000, NaN, NaN


78.2424, 29.5037,


0.0000, NaN, NaN


16.2405


 90.4555, 30.2721,
17.6020


 12.1753, 21.0687,
6.1774


 12.1753, 21.0687,
6.1774


 12.1752, 21.0684,
6.1779

 12.8876, 19.2089,
5.6051

 13.6367, 17.5141,
4.8566

 14.6094, 15.4494,
4.1229

 15.8013, 13.1187,
3.4601

 17.1862, 10.6567,
2.8914

■ 18.7375, 8.1583,
2.4234

■ 20.4306, 5.6818,
2.0522

■ 22.2447, 3.2571,
1.7687

■ 24.1623, 0.8967,
1.5621

Harmonies

Analogous

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



12.1757, 23.4524, -1.3765



12.1753, 21.0687, 6.1774



12.1757, 12.1770, 8.5230

Triad

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



12.1757, 21.0672, 6.1776



12.1757, -12.5210, 8.4931



12.1757, -2.5688, -32.5316

Complementary

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



12.1753, 21.0687, 6.1774



22.9028, -14.2167, 2.0641

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.



12.1757, -9.7100, -23.4678



12.1753, 21.0687, 6.1774



12.1757, -14.9552, 2.4007

Square

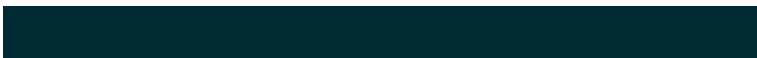
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



12.1757, 21.0672, 6.1776



12.1757, -7.1976, 8.5230



12.1757, -13.9263, -8.6785



12.1757, 7.6617, -28.5163

Rectangle

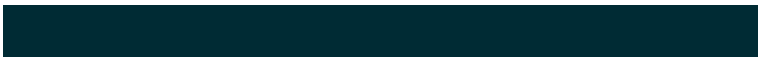
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



12.1753, 21.0687, 6.1774



12.1757, 4.8985, 8.5230



12.1757, -13.9263, -8.6785



12.1757, -5.3547, -30.7793

Sweetspot

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



12.1757, 21.0672, 6.1776



26.6919, 7.8815, 2.7600



12.2797, 25.0534, -23.2748



13.1693, 4.2901, 1.4324



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.



12.1757, 21.0672, 6.1776



16.0388, 27.6948, 8.5977



14.6187, 13.0589, 9.2360



13.0651, 0.3195, 0.8243



16.9228, 29.2115, 9.1472



41.0795, 70.6782, 23.9998

Inverse Universe

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



12.1757, 21.0672, 6.1776



16.0388, 27.6948, 8.5977



16.4899, -3.4358, -13.1929



13.0651, 0.3195, 0.8243



16.9228, 29.2115, 9.1472



41.0795, 70.6782, 23.9998

Previews

White Background



This preview shows how the HunterLab color 12.1753, 21.0687, 6.1774 looks on a white background.

Color Contrast Check

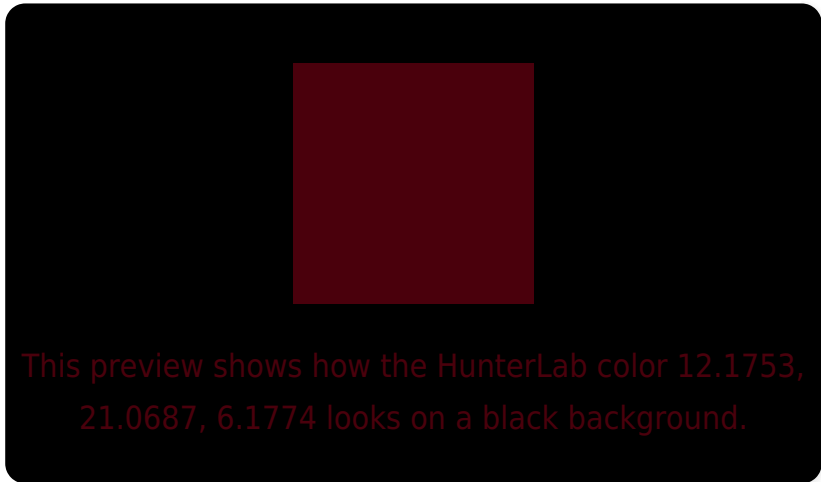
Large Text (above 18pt) WCAG AA ✓ Pass

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

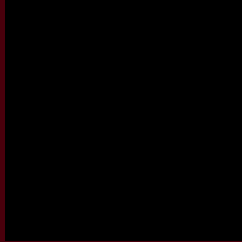
Any Text WCAG AA × Fail

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 12.1753, 21.0687, 6.1774 Background



This preview shows how black text looks on a background with the HunterLab color 12.1753, 21.0687, 6.1774.

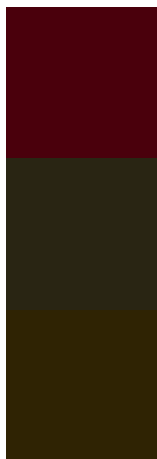


This preview shows how white text looks on a background with the HunterLab color 12.1753, 21.0687,

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

12.1753, 21.0687, 6.1774

Protanopia

13.5704, -1.4719, 5.6445

Deuteranopia

13.4647, 0.1635, 7.9204



Tritanopia

12.6799, 18.6348, 8.1395

Trichromacy



Original Color

12.1753, 21.0687, 6.1774

Protanomaly

12.0315, 6.9608, 5.1199

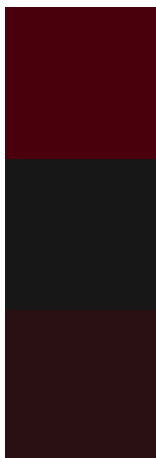
Deuteranomaly

12.0699, 8.5607, 6.7409

Tritanomaly

12.4557, 19.6095, 7.4717

Monochromacy



Original Color

12.1753, 21.0687, 6.1774

Achromatopsia

9.2564, -0.4939, 0.5029

Achromatomaly

9.3857, 7.2190, 2.0179

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.1753, 21.0687, 6.1774 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, 12)` looks like.

```
.text, #text, p{  
    color:rgb(74, 0, 12)  
}
```

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, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 0, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 12.1753, 21.0687, 6.1774 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, 12) }
```


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

```
.border{ border-color:rgb(74, 0, 12) }
```

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, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 0, 12); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 0, 12); box-shadow:4px  
4px 4px 4px rgb(74, 0, 12) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.1753, 21.0687, 6.1774 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, 12) }
```

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

```
.background{ background-color: rgb(74, 0,  
12) }
```

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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