

Converting Colors

HunterLab(5.8835, 65.0825,
4.1185)

Have a look what the booklet for
HunterLab(5.8835, 65.0825, 4.1185)
contains.

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Color

**HunterLab(12.5784, 21.5758,
7.8578)**

Conversions

Conversions Part 1

Format	Color
Hex	4D0002
RGB	77, 0, 2
RGB Percent	30%, 0%, 1%
CMY	0.6980, 1.0000, 0.9922
CMYK	0.00, 1.00, 0.97, 0.70
HSL	358°, 100%, 15%
HSV	358°, 100%, 30%
XYZ	3.0715, 1.5822, 0.2009
YIQ	23.2510, 45.2500, 16.9460

Conversions

Conversions Part 2

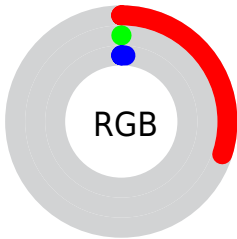
Format	Color
R_{YB}	77, 0, 2
Decimal	5046274
CIE _{Lab}	13.12, 33.74, 19.75
CIE _{LCh}	13, 39.092, 30.345
Yxy	1.5823, 0.6327, 0.3259
Android (android.graphics.Color)	4283236354 (0xFF4D0002)
YUV	23.2510, -10.4767, 47.1379
Hunter-Lab	12.5784, 21.5758, 7.8578

Details

The HunterLab color **12.5784, 21.5758, 7.8578** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **24.1160, -13.1580, -1.7379**, and the grayscale version is **9.3534, -0.4991, 0.5082**.

A 20% lighter version of the original color is **27.7011, 24.6164, 11.2809**, and **2.6673, 4.5679, 1.7236** is the 20% darker color. If you saturate the color by 10%, you get **12.5783, 21.5755, 7.8584**, and if you desaturate by 10%, it is **13.2885, 19.6788, 7.3156**.

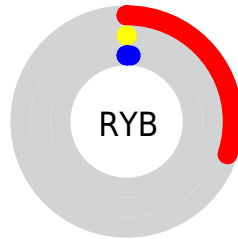
Distribution



Red (30%)

Green (0%)

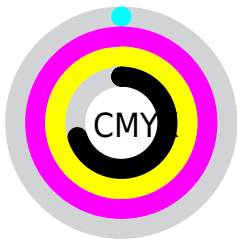
Blue (1%)



Red (30%)

Yellow (0%)

Blue (1%)

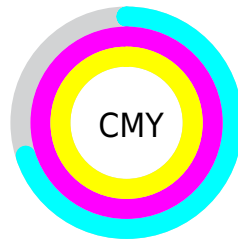


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (70%)



Cyan (70%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5784, 21.5758, 7.8578 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 12.5784, 21.5758, 7.8578 by changing the saturation by 10% instead.

12.5784, 21.5758,
7.8578

12.5784, 21.5758,
7.8578

104.0638, 31.5797,
23.2407

5.8788, 25.8970,
4.1151

27.5565, 24.6259,
11.2686

0.0000, INF, NaN

0.0000, NaN, NaN

36.3860, 25.9628,
13.1593

0.0000, NaN, NaN

45.9976, 27.1680,
14.9552

0.0000, NaN, NaN

0.0000, NaN, NaN

56.3322, 28.2520,
16.6846

0.0000, NaN, NaN


67.3424, 29.2258,
18.3664


0.0000, NaN, NaN


0.0000, NaN, NaN


78.9890, 30.0993,


20.0138


 91.2389, 30.8814,
21.6362


 12.5784, 21.5758,
7.8578


 12.5784, 21.5758,
7.8578


 12.5783, 21.5755,
7.8584

 13.2885, 19.6788,
7.3156

 14.0408, 17.8686,
6.7252

 15.0426, 15.6723,
6.0288

 16.2846, 13.2227,
5.2903

 17.7379, 10.6655,
4.5541

■ 19.3728, 8.1012,
3.8478

■ 21.1621, 5.5880,
3.1853

■ 23.0826, 3.1535,
2.5710

■ 25.1149, 0.8065,
2.0037

Harmonies

Analogous

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



12.5788, 26.1203, 0.7984



12.5784, 21.5758, 7.8578



12.5788, 10.7915, 8.8052

Triad

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



12.5788, 21.5742, 7.8580



12.5788, -14.1883, 7.7237



12.5788, -0.5516, -36.8811

Complementary

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



12.5784, 21.5758, 7.8578



24.1160, -13.1580, -1.7379

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.



12.5788, -9.0950, -29.4655



12.5784, 21.5758, 7.8578



12.5788, -15.9618, 0.5700

Square

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



12.5788, 21.5742, 7.8580



12.5788, -9.2432, 8.8052



12.5788, -14.1067, -13.1609



12.5788, 11.0693, -29.1454

Rectangle

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



12.5784, 21.5758, 7.8578



12.5788, 2.8499, 8.8052



12.5788, -14.1067, -13.1609



12.5788, -3.8442, -36.0376

Sweetspot

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



12.5788, 21.5742, 7.8580



27.3084, 7.6318, 4.2408



14.1740, 28.0516, -20.1443



13.7190, 4.2950, 2.2737



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.



12.5788, 21.5742, 7.8580



16.3820, 28.0892, 10.3185



16.8394, 9.6403, 10.5446



13.0533, 0.2559, 0.9925



16.8243, 28.8466, 10.6047



40.9309, 70.1273, 26.2018

Inverse Universe

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



12.5788, 21.5742, 7.8580



16.3820, 28.0892, 10.3185



14.5825, 0.6136, -19.5503



13.0533, 0.2559, 0.9925



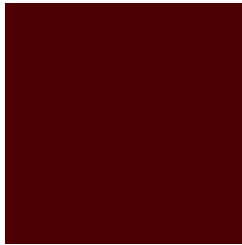
16.8243, 28.8466, 10.6047



40.9309, 70.1273, 26.2018

Previews

White Background



This preview shows how the HunterLab color 12.5784, 21.5758, 7.8578 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

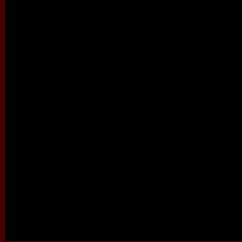
Any Text WCAG AA × Fail

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 12.5784, 21.5758, 7.8578 Background



This preview shows how black text looks on a background with the HunterLab color 12.5784, 21.5758, 7.8578.

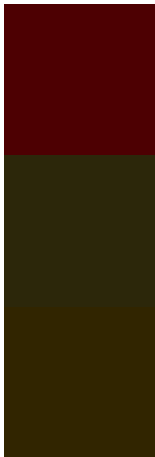


This preview shows how white text looks on a background with the HunterLab color 12.5784, 21.5758,

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

12.5784, 21.5758, 7.8578

Protanopia

14.1719, -1.8897, 7.4982

Deuteranopia

14.0574, -0.1164, 8.6601

Trichromacy



Original Color

12.5784, 21.5758, 7.8578

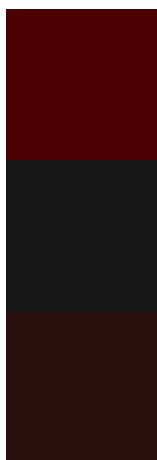
Protanomaly

12.4553, 7.1073, 6.8425

Deuteranomaly

12.5907, 8.2449, 7.7675

Monochromacy



Original Color

12.5784, 21.5758, 7.8578

Achromatopsia

9.2564, -0.4939, 0.5029

Achromatomaly

9.4325, 7.2105, 3.0978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5784, 21.5758, 7.8578 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(77, 0, 2)` looks like.

```
.text, #text, p{  
    color:rgb(77, 0, 2)  
}
```

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(77, 0, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 0, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5784, 21.5758, 7.8578 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(77, 0, 2) }
```

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

```
.border{ border-color:rgb(77, 0, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 0, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(77, 0, 2); box-shadow:4px  
4px 4px 4px rgb(77, 0, 2) }
```


Background

The CSS property to change the background color of an element to HunterLab 12.5784, 21.5758, 7.8578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 0, 2) }
```

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

```
.background{ background-color: rgb(77, 0,  
2) }
```

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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