

Converting Colors

HunterLab(12.4790, 17.8683,
8.7353)

Have a look what the booklet for
HunterLab(12.4790, 17.8683,
8.7353) contains.

HunterLab(12.6100, 18.0556, 8.0863)	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(12.6100, 18.0556,
8.0863)**

Conversions

Conversions Part 1

Format	Color
Hex	490800
RGB	73, 8, 0
RGB Percent	29%, 3%, 0%
CMY	0.7137, 0.9686, 1.0000
CMYK	0.00, 0.89, 1.00, 0.71
HSL	7°, 100%, 14%
HSV	7°, 100%, 29%
XYZ	2.8345, 1.5901, 0.1575
YIQ	26.5230, 41.3080, 11.2920

Conversions

Conversions Part 2

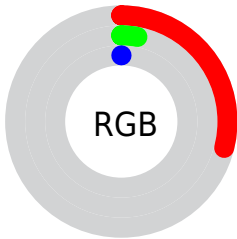
Format	Color
R_{YB}	73, 9, 0
Decimal	4786176
CIE _{Lab}	13.17, 29.32, 20.45
CIE _{LCh}	13, 35.749, 34.901
Yxy	1.5902, 0.6186, 0.3470
Android (android.graphics.Color)	4282976256 (0xFF490800)
YUV	26.5230, -13.0758, 40.7603
Hunter-Lab	12.6100, 18.0556, 8.0863

Details

The HunterLab color **12.6100, 18.0556, 8.0863** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **20.6423, -9.3815, -5.5491**, and the grayscale version is **10.3536, -0.5524, 0.5625**.

A 20% lighter version of the original color is **27.6469, 20.8863, 11.6342**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.6104, 18.0542, 8.0865**, and if you desaturate by 10%, it is **13.2675, 16.4915, 7.5272**.

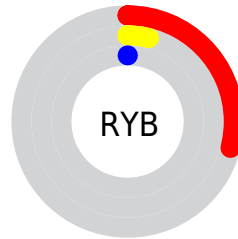
Distribution



Red (29%)

Green (3%)

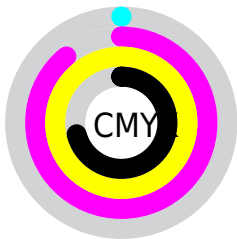
Blue (0%)



Red (29%)

Yellow (4%)

Blue (0%)

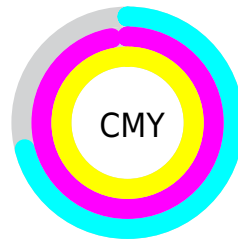


Cyan (0%)

Magenta (89%)

Yellow (100%)

Black (71%)



Cyan (71%)

Magenta (97%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6100, 18.0556, 8.0863 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 12.6100, 18.0556, 8.0863 by changing the saturation by 10% instead.

12.6100, 18.0556,
8.0863

12.6100, 18.0556,
8.0863

104.1277, 26.4484,
23.8114

5.9245, 21.7758,
4.1471

27.5975, 20.7692,
11.5366

0.0000, NaN, NaN

0.0000, NaN, NaN

36.4310, 21.9142,
13.4825

0.0000, NaN, NaN

46.0463, 22.9280,
15.3280

0.0000, NaN, NaN

0.0000, NaN, NaN

56.3843, 23.8239,
17.1028

0.0000, NaN, NaN

67.3976, 24.6144,
18.8265


0.0000, NaN, NaN


79.0472, 25.3096,


0.0000, NaN, NaN


20.5130


 91.3000, 25.9185,
22.1722


 12.6100, 18.0556,
8.0863


 12.6100, 18.0556,
8.0863

 12.6104, 18.0542,
8.0865

 13.2675, 16.4915,
7.5272

 14.0935, 14.5894,
7.1008

 15.1034, 12.5115,
6.5657

 16.2799, 10.3677,
5.9324

 17.6027, 8.2317,
5.2332

■ 19.0525, 6.1486,
4.4936

■ 20.6119, 4.1416,
3.7311

■ 22.2662, 2.2193,
2.9575

■ 24.0029, 0.3814,
2.1799

Harmonies

Analogous

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



12.6104, 23.1454, 2.0813



12.6100, 18.0556, 8.0863



12.6104, 8.0383, 8.8273

Triad

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



12.6104, 18.0541, 8.0865



12.6104, -13.6382, 6.3476



12.6104, 0.9238, -31.7502

Complementary

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



12.6100, 18.0556, 8.0863



20.6423, -9.3815, -5.5491

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.



12.6104, -7.5183, -27.3240



12.6100, 18.0556, 8.0863



12.6104, -14.7594, -0.8886

Square

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



12.6104, 18.0541, 8.0865



12.6104, -9.5083, 8.8273



12.6104, -12.5828, -13.8331



12.6104, 11.5584, -23.4632

Rectangle

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



12.6100, 18.0556, 8.0863



12.6104, 0.9896, 8.8273



12.6104, -12.5828, -13.8331



12.6104, -2.2547, -31.7350

Sweetspot

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



12.6104, 18.0541, 8.0865



26.5832, 5.6803, 4.9686



13.4397, 25.9162, -13.7987



13.4969, 3.2191, 2.6761



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.



12.6104, 18.0541, 8.0865



16.1952, 24.1705, 10.4025



17.8967, 4.9942, 11.1153



12.3936, 0.0630, 1.0564



17.0741, 25.6699, 10.9704



41.2470, 66.3350, 26.5775

Inverse Universe

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



20.6423, -9.3815, -5.5491



26.7502, -12.0689, -7.3821



11.7030, 4.6386, -24.6411



12.8647, -1.3712, 0.3212



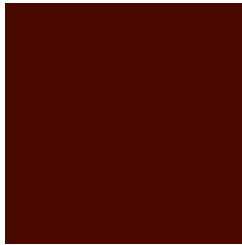
28.2466, -12.7268, -7.8323



69.1480, -30.6752, -20.2099

Previews

White Background



This preview shows how the HunterLab color 12.6100, 18.0556, 8.0863 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

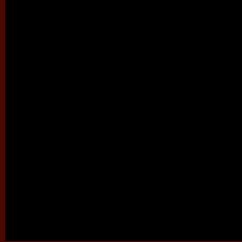
Any Text WCAG AA × Fail

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 12.6100, 18.0556, 8.0863 Background



This preview shows how black text looks on a background with the HunterLab color 12.6100, 18.0556, 8.0863.

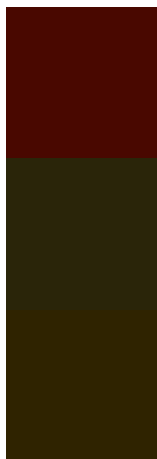


This preview shows how white text looks on a background with the HunterLab color 12.6100, 18.0556,

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

12.6100, 18.0556, 8.0863

Protanopia

13.5466, -1.7577, 7.1854

Deuteranopia

13.4402, 0.0311, 8.2824



Tritanopia

12.6534, 18.2286, 7.4433

Trichromacy



Original Color

12.6100, 18.0556, 8.0863

Protanomaly

12.2834, 5.6852, 6.8369

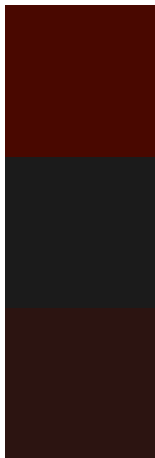
Deuteranomaly

12.3936, 6.8070, 7.7560

Tritanomaly

12.6361, 18.1596, 7.7000

Monochromacy



Original Color

12.6100, 18.0556, 8.0863

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.3743, 5.7621, 3.4627

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6100, 18.0556, 8.0863 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(73, 8, 0)` looks like.

```
.text, #text, p{  
    color:rgb(73, 8, 0)  
}
```

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(73, 8, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 8, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6100, 18.0556, 8.0863 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(73, 8, 0) }
```


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

```
.border{ border-color:rgb(73, 8, 0) }
```

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

Here you see how a box with a 4 pixel rgb(73, 8, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 8, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(73, 8, 0); box-shadow:4px  
4px 4px 4px rgb(73, 8, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.6100, 18.0556, 8.0863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 8, 0) }
```

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

```
.background{ background-color: rgb(73, 8,  
0) }
```

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