

Converting Colors

HunterLab(16.5254, -12.7610,
7.2227)

Have a look what the booklet for
HunterLab(16.5254, -12.7610,
7.2227) contains.

HunterLab(16.4595, -12.6561, 7.1865)	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(16.4595,
-12.6561, 7.1865)**

Conversions

Conversions Part 1

Format	Color
Hex	023616
RGB	2, 54, 22
RGB Percent	1%, 21%, 9%
CMY	0.9922, 0.7882, 0.9137
CMYK	0.96, 0.00, 0.59, 0.79
HSL	143°, 93%, 11%
HSV	143°, 96%, 21%
XYZ	1.4890, 2.7092, 1.2035
YIQ	34.8040, -20.7200, -20.9760

Conversions

Conversions Part 2

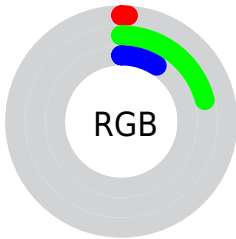
Format	Color
R_YB	2, 40, 54
Decimal	144918
CIE Lab	18.84, -25.06, 15.52
CIE LCh	19, 29.475, 148.235
Yxy	2.7093, 0.2757, 0.5015
Android (android.graphics.Color)	4278334998 (0xFF023616)
YUV	34.8040, -6.3124, -28.7691
Hunter-Lab	16.4595, -12.6561, 7.1865

Details

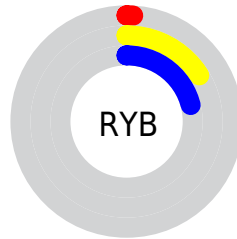
The HunterLab color **16.4595, -12.6561, 7.1865** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.7120, 16.6720, -2.9630**, and the grayscale version is **12.9265, -0.6897, 0.7023**.

A 20% lighter version of the original color is **32.3625, -17.3125, 10.4763**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.4064, -12.9089, 7.3600**, and if you desaturate by 10%, it is **16.6065, -11.9620, 6.6741**.

Distribution



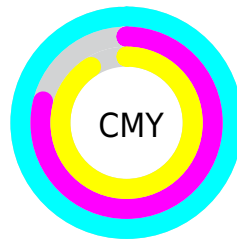
- Red (1%)
- Green (21%)
- Blue (9%)



- Red (1%)
- Yellow (16%)
- Blue (21%)



- Cyan (96%)
- Magenta (0%)
- Yellow (59%)
- Black (79%)



- Cyan (99%)
- Magenta (79%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4595, -12.6561, 7.1865 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 16.4595, -12.6561, 7.1865 by changing the saturation by 10% instead.

■ 16.4595, -12.6561,
7.1865

■ 16.4595, -12.6561,
7.1865

■ 111.6458,
-31.2139, 20.5682

■ 9.9091, -11.6056,
6.9364

■ 32.5054, -17.4823,
10.4979

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.7902, -19.6453,
12.0215

0.0000, NaN, NaN

■ 51.8217, -21.7075,
13.4967

0.0000, NaN, NaN

■ 62.5478, -23.6961,
14.9398

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 73.9262, -25.6296,
16.3619


0.0000, NaN, NaN


■ 85.9215, -27.5209,


0.0000, NaN, NaN


17.7705


 98.5034, -29.3799,
19.1712


 16.4595, -12.6561,
7.1865


 16.4595, -12.6561,
7.1865


 16.4064, -12.9089,
7.3600

 16.6065, -11.9620,
6.6741

 16.7614, -11.2316,
6.1005

 16.9502, -10.3625,
5.4908

 17.1781, -9.3392,
4.8542

 17.4459, -8.1659,
4.1966

■ 17.7541, -6.8493,
3.5239

■ 18.1026, -5.3985,
2.8420

■ 18.4910, -3.8243,
2.1564

■ 18.9183, -2.1382,
1.4719

Harmonies

Analogous

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



16.4598, -7.9583, 9.8814



16.4595, -12.6561, 7.1865



16.4598, -14.3012, 1.3706

Triad

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



16.4598, -12.6563, 7.1866



16.4598, -1.3826, -23.6606



16.4598, 16.2573, 6.7111

Complementary

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



16.4595, -12.6561, 7.1865



9.7120, 16.6720, -2.9630

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.



16.4598, 18.9917, 0.4068



16.4595, -12.6561, 7.1865



16.4598, 7.6447, -19.7012

Square

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



16.4598, -12.6563, 7.1866



16.4598, -8.6720, -18.7230



16.4598, 15.5640, -9.6490



16.4598, 8.7026, 9.6527

Rectangle

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



16.4595, -12.6561, 7.1865



16.4598, -13.7663, -4.7886



16.4598, 15.5640, -9.6490



16.4598, 17.8309, 5.0775

Sweetspot

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



16.4598, -12.6563, 7.1866



23.5916, -7.9242, 4.1162



17.2744, -9.6454, 10.2783



12.2969, -4.2513, 2.2027



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



16.4598, -12.6563, 7.1866



21.5379, -17.1214, 10.0397



16.9239, -9.8261, 0.4850



10.5770, -1.4054, 0.9077



27.8260, -22.2804, 13.3169



71.7393, -58.3041, 36.1939

Inverse Universe

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



9.7120, 16.6720, -2.9630



12.3942, 22.6889, -3.3356



9.1946, 14.7243, 4.4296



10.1605, 0.3254, 0.2261



15.9856, 29.1922, -3.7508



41.0544, 74.5645, -6.4759

Previews

White Background



This preview shows how the HunterLab color 16.4595, -12.6561, 7.1865 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

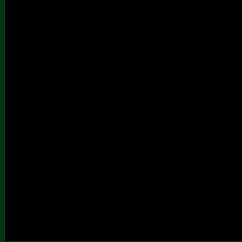
Any Text WCAG AA × Fail

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 16.4595, -12.6561, 7.1865 Background



This preview shows how black text looks on a background with the HunterLab color 16.4595, -12.6561, 7.1865.



This preview shows how white text looks on a background with the HunterLab color 16.4595,

-12.6561, 7.1865.

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

16.4595, -12.6561, 7.1865

Protanopia

16.5365, -1.7434, 7.7863

Deuteranopia

16.5572, 0.8176, 6.9234



Tritanopia

16.7419, -6.0270, -2.5894

Trichromacy



Original Color

16.4595, -12.6561, 7.1865

Protanomaly

16.0961, -7.1716, 7.1795

Deuteranomaly

16.0411, -5.9860, 6.5856

Tritanomaly

16.5038, -8.9253, 1.8027

Monochromacy



Original Color

16.4595, -12.6561, 7.1865

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.8990, -6.1425, 3.2173

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4595, -12.6561, 7.1865 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(2, 54, 22)` looks like.

```
.text, #text, p{  
    color:rgb(2, 54, 22)  
}
```

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(2, 54, 22) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 54, 22) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4595, -12.6561, 7.1865 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(2, 54, 22) }
```


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

```
.border{ border-color:rgb(2, 54, 22) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 54, 22)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 54, 22); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 54, 22); box-shadow:4px  
4px 4px 4px rgb(2, 54, 22) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.4595, -12.6561, 7.1865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 54, 22) }
```

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

```
.background{ background-color: rgb(2, 54,  
22) }
```

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