

Converting Colors

HunterLab(16.5500, -12.6034,
6.0621)

Have a look what the booklet for
HunterLab(16.5500, -12.6034,
6.0621) contains.

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Color

**HunterLab(16.4990,
-12.3338, 6.0028)**

Conversions

Conversions Part 1

Format	Color
Hex	00361C
RGB	0, 54, 28
RGB Percent	0%, 21%, 11%
CMY	1.0000, 0.7882, 0.8902
CMYK	1.00, 0.00, 0.48, 0.79
HSL	151°, 100%, 11%
HSV	151°, 100%, 21%
XYZ	1.5288, 2.7222, 1.5435
YIQ	34.8900, -23.8380, -19.5340

Conversions

Conversions Part 2

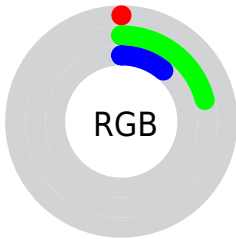
Format	Color
RYB	0, 36, 54
Decimal	13852
CIELab	18.90, -24.20, 11.76
CIELCh	19, 26.903, 154.078
Yxy	2.7223, 0.2638, 0.4698
Android (android.graphics.Color)	4278203932 (0xFF00361C)
YUV	34.8900, -3.3968, -30.5985
Hunter-Lab	16.4990, -12.3338, 6.0028

Details

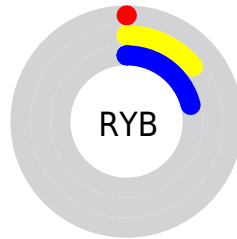
The HunterLab color **16.4990, -12.3338, 6.0028** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.2677, 16.6755, -0.2500**, and the grayscale version is **12.9456, -0.6907, 0.7034**.

A 20% lighter version of the original color is **32.4119, -16.8509, 8.4620**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.4993, -12.3341, 6.0030**, and if you desaturate by 10%, it is **16.6437, -11.6567, 5.5315**.

Distribution



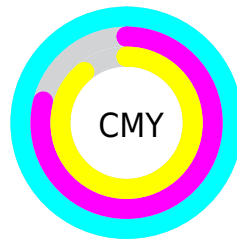
- Red (0%)
- Green (21%)
- Blue (11%)



- Red (0%)
- Yellow (14%)
- Blue (21%)



- Cyan (100%)
- Magenta (0%)
- Yellow (48%)
- Black (79%)



- Cyan (100%)
- Magenta (79%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.4990, -12.3338, 6.0028 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 16.4990, -12.3338, 6.0028 by changing the saturation by 10% instead.

16.4990, -12.3338,
6.0028

16.4990, -12.3338,
6.0028

111.7205,
-30.3935, 17.2646

9.9424, -11.1995,
5.4687

32.5550, -17.0093,
8.6732

0.0000, NaN, NaN

0.0000, NaN, NaN

41.8441, -19.1102,
9.9318

0.0000, NaN, NaN

51.8796, -21.1161,
11.1667

0.0000, NaN, NaN

62.6094, -23.0529,
12.3888

0.0000, NaN, NaN

0.0000, NaN, NaN


73.9914, -24.9380,
13.6053


0.0000, NaN, NaN


85.9900, -26.7841,


0.0000, NaN, NaN


14.8213


 98.5751, -28.6002,
16.0402


 16.4990, -12.3338,
6.0028


 16.4990, -12.3338,
6.0028


 16.4993, -12.3341,
6.0030

 16.6437, -11.6567,
5.5315

 16.7904, -10.9707,
5.0210

 16.9603, -10.1917,
4.4933

 17.1670, -9.2701,
3.9650

 17.4114, -8.2079,
3.4412

■ 17.6942, -7.0099,
2.9269

■ 18.0155, -5.6831,
2.4264

■ 18.3752, -4.2366,
1.9436

■ 18.7726, -2.6801,
1.4817

Harmonies

Analogous

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



16.4993, -8.4823, 8.9631



16.4990, -12.3338, 6.0028



16.4993, -13.3497, -0.1507

Triad

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



16.4993, -12.3340, 6.0029



16.4993, 0.2006, -20.6566



16.4993, 13.4941, 7.0659

Complementary

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



16.4990, -12.3338, 6.0028



9.2677, 16.6755, -0.2500

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.



16.4993, 16.9334, 1.8823



16.4990, -12.3338, 6.0028



16.4993, 8.4068, -15.8614

Square

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



16.4993, -12.3340, 6.0029



16.4993, -6.9474, -17.8143



16.4993, 14.9180, -6.6487



16.4993, 6.2117, 9.4437

Rectangle

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



16.4990, -12.3338, 6.0028



16.4993, -12.4774, -6.0596



16.4993, 14.9180, -6.6487



16.4993, 15.1938, 5.7288

Sweetspot

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



16.4993, -12.3340, 6.0029



23.6072, -7.7571, 3.2920



16.9097, -11.1420, 10.2245



12.3098, -4.1431, 1.7528



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.



16.4993, -12.3340, 6.0029



21.6593, -16.3690, 8.2637



16.7982, -8.7438, -2.1208



10.5850, -1.3606, 0.7922



27.9818, -21.3137, 11.0355



72.1305, -55.8715, 30.4537

Inverse Universe

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



9.2677, 16.6755, -0.2500



12.1345, 21.7505, 0.3230



8.9658, 14.7937, 5.7835



10.1520, 0.2796, 0.3470



15.6473, 27.9683, 1.0273



40.1731, 71.3666, 6.0440

Previews

White Background



This preview shows how the HunterLab color 16.4990, -12.3338, 6.0028 looks on a white background.

Color Contrast Check

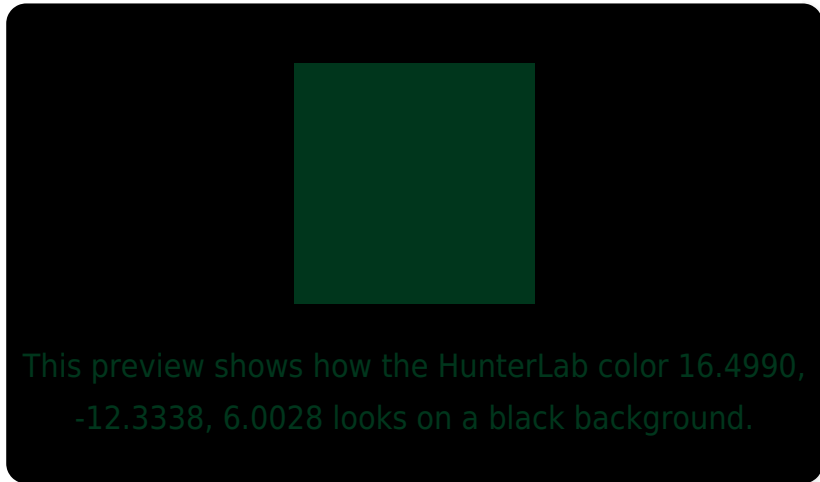
Large Text (above 18pt) WCAG AA ✓ Pass

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

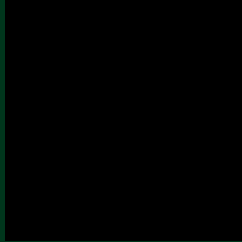
Any Text WCAG AA × Fail

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 16.4990, -12.3338, 6.0028 Background



This preview shows how black text looks on a background with the HunterLab color 16.4990, -12.3338, 6.0028.



This preview shows how white text looks on a background with the HunterLab color 16.4990,

-12.3338, 6.0028.

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

16.4990, -12.3338, 6.0028

Protanopia

16.7542, -2.0750, 7.0329

Deuteranopia

16.7668, 0.5054, 5.9970



Tritanopia

16.7099, -6.1482, -2.6358

Trichromacy



Original Color

16.4990, -12.3338, 6.0028

Protanomaly

16.3183, -7.5250, 6.3727

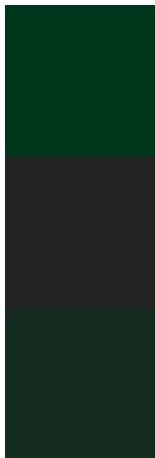
Deuteranomaly

16.0552, -5.7909, 5.4991

Tritanomaly

16.5258, -8.7473, 1.1230

Monochromacy



Original Color

16.4990, -12.3338, 6.0028

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.8953, -6.0810, 2.6250

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.4990, -12.3338, 6.0028 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(0, 54, 28)` looks like.

```
.text, #text, p{  
    color:rgb(0, 54, 28)  
}
```

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(0, 54, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 54, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 16.4990, -12.3338, 6.0028 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(0, 54, 28) }
```


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

```
.border{ border-color:rgb(0, 54, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 54, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 54, 28); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 54, 28); box-shadow:4px  
4px 4px 4px rgb(0, 54, 28) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.4990, -12.3338, 6.0028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 54, 28) }
```

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

```
.background{ background-color: rgb(0, 54,  
28) }
```

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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