

Converting Colors

HunterLab(30.2561, -20.6510,
17.0748)

Have a look what the booklet for
HunterLab(30.2561, -20.6510,
17.0748) contains.

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Color

**HunterLab(30.2561,
-20.6510, 17.0748)**

Conversions

Conversions Part 1

Format	Color
Hex	2D6113
RGB	45, 97, 19
RGB Percent	18%, 38%, 7%
CMY	0.8235, 0.6196, 0.9255
CMYK	0.54, 0.00, 0.80, 0.62
HSL	100°, 67%, 23%
HSV	100°, 80%, 38%
XYZ	5.4744, 9.1543, 2.0945
YIQ	72.5600, -5.9540, -35.2820

Conversions

Conversions Part 2

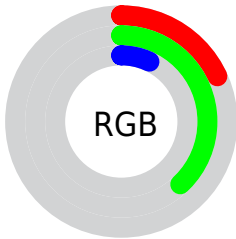
Format	Color
RYB	19, 97, 71
Decimal	2973971
CIELab	36.28, -32.25, 36.55
CIElCh	36, 48.742, 131.425
Yxy	9.1547, 0.3274, 0.5474
Android (android.graphics.Color)	4281164051 (0xFF2D6113)
YUV	72.5600, -26.4051, -24.1701
Hunter-Lab	30.2561, -20.6510, 17.0748

Details

The HunterLab color **30.2561, -20.6510, 17.0748** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **16.3364, 25.9309, -30.5264**, and the grayscale version is **25.7485, -1.3739, 1.3990**.

A 20% lighter version of the original color is **49.1310, -25.8033, 23.2229**, and **15.1037, -12.9514, 9.0801** is the 20% darker color. If you saturate the color by 10%, you get **29.9874, -21.8525, 17.5673**, and if you desaturate by 10%, it is **30.5827, -19.1893, 16.2926**.

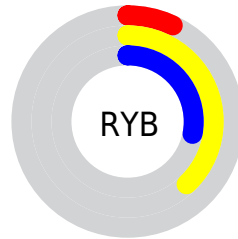
Distribution



Red (18%)

Green (38%)

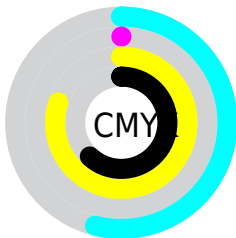
Blue (7%)



Red (7%)

Yellow (38%)

Blue (28%)

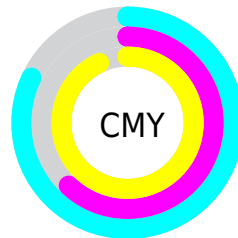


Cyan (54%)

Magenta (0%)

Yellow (80%)

Black (62%)



Cyan (82%)

Magenta (62%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.2561, -20.6510, 17.0748 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 30.2561, -20.6510, 17.0748 by changing the saturation by 10% instead.

■ 30.2561, -20.6510,
17.0748

■ 30.2561, -20.6510,
17.0748

135.8410,
-41.7347, 41.0407

■ 22.0051, -17.6945,
13.7529

■ 49.1863, -25.9512,
23.2222

■ 14.6799, -14.3981,
10.2759

■ 59.7390, -28.4013,
26.0391

■ 8.3384, -14.5922,
5.8369

■ 70.9541, -30.7604,
28.7327

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 82.7946, -33.0484,
31.3278

0.0000, NaN, NaN

■ 95.2290, -35.2799,
33.8431

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 108.2302,


-37.4661, 36.2931


0.0000, NaN, NaN


 121.7746,
-39.6154, 38.6893


 30.2561, -20.6510,
17.0748


 30.2561, -20.6510,
17.0748


 29.9874, -21.8525,
17.5673


 30.5827, -19.1893,
16.2926

 29.7694, -22.8304,
17.9441

 30.9676, -17.4622,
15.1998

 31.4127, -15.4730,
13.7863

 31.9185, -13.2293,
12.0491

 32.4852, -10.7425,
9.9919

■ 33.1123, -8.0269,
7.6232

■ 33.7988, -5.0990,
4.9557

■ 34.5435, -1.9765,
2.0051

■ 35.3447, 1.3225,
-1.2112

Harmonies

Analogous

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



30.2567, -7.9354, 19.1522



30.2561, -20.6510, 17.0748



30.2567, -27.1595, 10.1020

Triad

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



30.2567, -20.6516, 17.0749



30.2567, -11.5127, -46.4158



30.2567, 38.4455, 7.2752

Complementary

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



30.2561, -20.6510, 17.0748



16.3364, 25.9309, -30.5264

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.



30.2567, 36.8750, -10.2856



30.2561, -20.6510, 17.0748



30.2567, 5.2687, -48.7831

Square

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



30.2567, -20.6516, 17.0749



30.2567, -22.7609, -27.7137



30.2567, 23.7275, -33.0486



30.2567, 27.6307, 16.0058

Rectangle

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



30.2561, -20.6510, 17.0748



30.2567, -28.2343, 0.8485



30.2567, 23.7275, -33.0486



30.2567, 39.4032, 2.4242

Sweetspot

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



30.2567, -20.6516, 17.0749



42.9892, -12.0690, 11.3593



26.6371, 2.3103, 15.0824



21.3191, -6.4566, 6.0454



72.2857, -3.8570, 3.9274



22.5557, -1.2035, 1.2255

Same Dimension

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



30.2567, -20.6516, 17.0749



39.0165, -29.6851, 23.3040



29.6523, -22.9708, 15.1367



17.0079, -2.3236, 2.2678



34.6889, -26.7773, 20.9064



79.9027, -63.0464, 48.1319

Inverse Universe

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



16.3364, 25.9309, -30.5264



18.7559, 38.5207, -49.0480



19.0984, 29.7893, -13.7502



16.0923, 0.6070, -0.5562



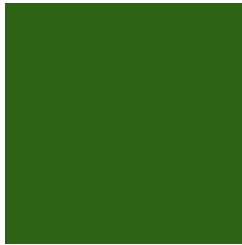
16.3166, 35.1395, -45.2453



37.0506, 80.3819, -107.3098

Previews

White Background



This preview shows how the HunterLab color 30.2561, -20.6510, 17.0748 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 30.2561, -20.6510, 17.0748 Background



This preview shows how black text looks on a background with the HunterLab color 30.2561, -20.6510, 17.0748.



This preview shows how white text looks on a background with the HunterLab color 30.2561,

-20.6510, 17.0748.

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

30.2561, -20.6510, 17.0748

Protanopia

30.0353, -4.0319, 17.4694

Deuteranopia

30.1493, 1.7294, 16.5690



Tritanopia

30.2059, -7.5681, -4.2011

Trichromacy



Original Color

30.2561, -20.6510, 17.0748

Protanomaly

29.6024, -11.1979, 16.9827

Deuteranomaly

29.6094, -8.2351, 16.3706

Tritanomaly

30.0710, -13.9821, 7.1839

Monochromacy



Original Color

30.2561, -20.6510, 17.0748

Achromatopsia

25.8120, -1.3773, 1.4024

Achromatomaly

27.1079, -9.8410, 9.1647

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.2561, -20.6510, 17.0748 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(45, 97, 19)` looks like.

```
.text, #text, p{  
    color:rgb(45, 97, 19)  
}
```

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(45, 97, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 97, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 30.2561, -20.6510, 17.0748 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(45, 97, 19) }
```


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

```
.border{ border-color:rgb(45, 97, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 97, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 97, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 97, 19);  
box-shadow:4px 4px 4px 4px rgb(45, 97, 19)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.2561, -20.6510, 17.0748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 97, 19) }
```

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

```
.background{ background-color: rgb(45, 97,  
19) }
```

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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