

Converting Colors

HunterLab(28.3007, -20.7446,
17.0745)

Have a look what the booklet for
HunterLab(28.3007, -20.7446,
17.0745) contains.

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Color

**HunterLab(28.3683,
-20.7626, 17.1169)**

Conversions

Conversions Part 1

Format	Color
Hex	255C00
RGB	37, 92, 0
RGB Percent	15%, 36%, 0%
CMY	0.8549, 0.6392, 1.0000
CMYK	0.60, 0.00, 1.00, 0.64
HSL	96°, 100%, 18%
HSV	96°, 100%, 36%
XYZ	4.5901, 8.0476, 1.3114
YIQ	65.0670, -3.2480, -40.2720

Conversions

Conversions Part 2

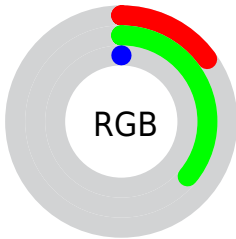
Format	Color
RYB	0, 92, 55
Decimal	2448384
CIELab	34.08, -33.79, 40.50
CIELCh	34, 52.746, 129.837
Yxy	8.0479, 0.3291, 0.5769
Android (android.graphics.Color)	4280638464 (0xFF255C00)
YUV	65.0670, -32.0780, -24.6148
Hunter-Lab	28.3683, -20.7626, 17.1169

Details

The HunterLab color $[28.3683, -20.7626, 17.1169]$ is a dark color, and the websafe version is hex 336600 . A complement of this color would be $[12.5907, 27.6971, -39.4387]$, and the grayscale version is $[23.1247, -1.2339, 1.2564]$.

A 20% lighter version of the original color is $[47.0047, -26.3269, 23.9441]$, and $[13.6995, -11.7474, 8.2359]$ is the 20% darker color. If you saturate the color by 10%, you get $[28.3688, -20.7636, 17.1172]$, and if you desaturate by 10%, it is $[28.5966, -19.7505, 16.7273]$.

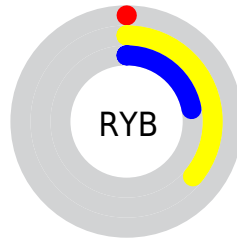
Distribution



Red (15%)

Green (36%)

Blue (0%)



Red (0%)

Yellow (36%)

Blue (22%)

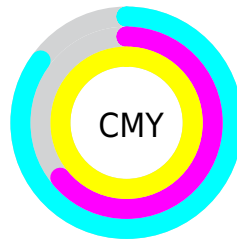


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (64%)



Cyan (85%)

Magenta (64%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3683, -20.7626, 17.1169 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 28.3683, -20.7626, 17.1169 by changing the saturation by 10% instead.

■ 28.3683, -20.7626,
17.1169

■ 28.3683, -20.7626,
17.1169

■ 132.7055,
-42.8107, 43.4995

■ 20.3117, -17.6074,
14.0101

■ 46.9600, -26.3646,
23.9645

■ 13.2064, -14.2319,
9.2445

■ 57.3614, -28.9368,
27.0853

■ 6.7228, -11.7649,
4.7060

■ 68.4343, -31.4052,
30.0578

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.1402, -33.7926,
32.9106

0.0000, NaN, NaN

■ 92.4465, -36.1157,
35.6657


0.0000, NaN, NaN


■ 105.3253,


0.0000, NaN, NaN


-38.3870, 38.3403


0.0000, NaN, NaN


 118.7522,
-40.6162, 40.9480


 28.3683, -20.7626,
17.1169


 28.3683, -20.7626,
17.1169


 28.3688, -20.7636,
17.1172

 28.5966, -19.7505,
16.7273

 28.8583, -18.5929,
16.2451

 29.1670, -17.2179,
15.4879

 29.5243, -15.6225,
14.4365

 29.9313, -13.8085,
13.0805

■ 30.3885, -11.7815,
11.4165

■ 30.8961, -9.5501,
9.4460

■ 31.4535, -7.1249,
7.1754

■ 32.0603, -4.5185,
4.6145

Harmonies

Analogous

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



28.3689, -7.2947, 18.8658



28.3683, -20.7626, 17.1169



28.3689, -27.6181, 10.8476

Triad

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



28.3689, -20.7631, 17.1170



28.3689, -12.6805, -51.4784



28.3689, 42.2868, 6.7005

Complementary

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



28.3683, -20.7626, 17.1169



12.5907, 27.6971, -39.4387

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.



28.3689, 39.7801, -12.6306



28.3683, -20.7626, 17.1169



28.3689, 4.7676, -55.4189

Square

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



28.3689, -20.7631, 17.1170



28.3689, -23.8410, -29.4660



28.3689, 24.8080, -38.2040



28.3689, 30.9761, 15.7281

Rectangle

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



28.3683, -20.7626, 17.1169



28.3689, -28.8773, 1.6394



28.3689, 24.8080, -38.2040



28.3689, 43.0875, 1.4487

Sweetspot

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



28.3689, -20.7631, 17.1170



40.8065, -12.9278, 12.7631



22.0978, 7.5150, 13.7477



20.3360, -6.8971, 6.7714



71.2094, -3.7996, 3.8689



21.6712, -1.1563, 1.1774

Same Dimension

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



28.3689, -20.7631, 17.1170



37.4567, -27.7749, 22.5944



27.6974, -23.5336, 16.1835



16.2031, -2.1192, 2.1667



34.0794, -25.1692, 20.5589



79.4404, -60.1859, 47.8971

Inverse Universe

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



12.5907, 27.6971, -39.4387



16.4830, 36.4324, -52.9506



17.0906, 33.0426, -18.2276



15.2988, 0.4814, -0.5416



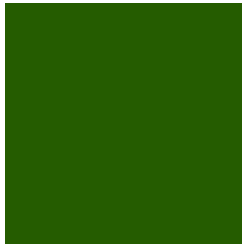
15.0369, 33.1871, -47.9263



34.4310, 76.7476, -115.6055

Previews

White Background



This preview shows how the HunterLab color 28.3683, -20.7626, 17.1169 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 28.3683, -20.7626, 17.1169 Background



This preview shows how black text looks on a background with the HunterLab color 28.3683, -20.7626, 17.1169.



This preview shows how white text looks on a background with the HunterLab color 28.3683,

-20.7626, 17.1169.

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

28.3683, -20.7626, 17.1169

Protanopia

28.1265, -4.2568, 17.2569

Deuteranopia

28.2535, 1.5335, 16.1436



Tritanopia

28.5628, -8.2658, -3.5621

Trichromacy



Original Color

28.3683, -20.7626, 17.1169

Protanomaly

27.7132, -11.3412, 16.8782

Deuteranomaly

27.7143, -8.4031, 16.1862

Tritanomaly

28.1061, -14.5641, 8.3355

Monochromacy



Original Color

28.3683, -20.7626, 17.1169

Achromatopsia

22.9914, -1.2268, 1.2492

Achromatomaly

24.5040, -10.1610, 9.8455

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3683, -20.7626, 17.1169 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(37, 92, 0)` looks like.

```
.text, #text, p{  
    color:rgb(37, 92, 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(37, 92, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 92, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3683, -20.7626, 17.1169 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(37, 92, 0) }
```


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

```
.border{ border-color:rgb(37, 92, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 92, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 92, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(37, 92, 0); box-shadow:4px  
4px 4px 4px rgb(37, 92, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.3683, -20.7626, 17.1169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 92, 0) }
```

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

```
.background{ background-color: rgb(37, 92,  
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](#).

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