

Converting Colors

HunterLab(36.0291, -29.5559,
21.6832)

Have a look what the booklet for
HunterLab(36.0291, -29.5559,
21.6832) contains.

HunterLab(35.9232, -29.5009, 21.6192)	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(35.9232,
-29.5009, 21.6192)**

Conversions

Conversions Part 1

Format	Color
Hex	177500
RGB	23, 117, 0
RGB Percent	9%, 46%, 0%
CMY	0.9098, 0.5412, 1.0000
CMYK	0.80, 0.00, 1.00, 0.54
HSL	108°, 100%, 23%
HSV	108°, 100%, 46%
XYZ	6.7147, 12.9048, 2.1370
YIQ	75.5560, -18.4670, -56.3150

Conversions

Conversions Part 2

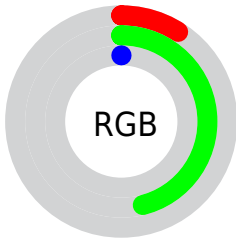
Format	Color
RYB	0, 117, 94
Decimal	1537280
CIELab	42.62, -45.97, 47.12
CIELCh	43, 65.832, 134.296
Yxy	12.9053, 0.3086, 0.5931
Android (android.graphics.Color)	4279727360 (0xFF177500)
YUV	75.5560, -37.2491, -46.0916
Hunter-Lab	35.9232, -29.5009, 21.6192

Details

The HunterLab color $[35.9232, -29.5009, 21.6192]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[19.1437, 39.4909, -39.6378]$, and the grayscale version is $[26.8592, -1.4331, 1.4593]$.

A 20% lighter version of the original color is $[55.7358, -36.5127, 29.0085]$, and $[20.0357, -17.1806, 12.0452]$ is the 20% darker color. If you saturate the color by 10%, you get $[35.9238, -29.5020, 21.6196]$, and if you desaturate by 10%, it is $[36.1421, -28.5071, 21.2162]$.

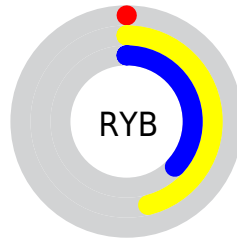
Distribution



Red (9%)

Green (46%)

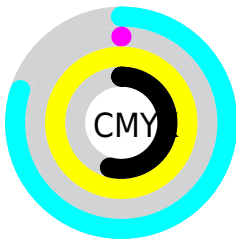
Blue (0%)



Red (0%)

Yellow (46%)

Blue (37%)

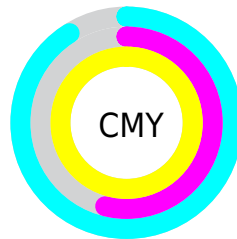


Cyan (80%)

Magenta (0%)

Yellow (100%)

Black (54%)



Cyan (91%)

Magenta (54%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.9232, -29.5009, 21.6192 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 35.9232, -29.5009, 21.6192 by changing the saturation by 10% instead.

■ 35.9232, -29.5009,
21.6192

■ 35.9232, -29.5009,
21.6192

145.0206,
-57.0078, 50.6250

■ 27.1355, -25.5873,
17.6012

■ 55.7974, -36.5181,
29.0562

■ 19.2103, -21.2584,
13.4472

■ 66.7747, -39.7462,
32.4812

■ 12.2553, -18.4518,
8.5787

■ 78.3902, -42.8398,
35.7562

■ 5.3858, -9.4252,
3.7701

■ 90.6106, -45.8248,
38.9073

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.4073,
-48.7206, 41.9548


0.0000, NaN, NaN


■ 116.7554,


0.0000, NaN, NaN


-51.5422, 44.9151


0.0000, NaN, NaN


 130.6330,
-54.3014, 47.8016


 35.9232, -29.5009,
21.6192


 35.9232, -29.5009,
21.6192


 35.9238, -29.5020,
21.6196

 36.1421, -28.5071,
21.2162

 36.4345, -27.1775,
20.6207

 36.8160, -25.4368,
19.6661

 37.2913, -23.2763,
18.3275

 37.8630, -20.6987,
16.5935

■ 38.5327, -17.7172,
14.4643

■ 39.3004, -14.3526,
11.9498

■ 40.1653, -10.6318,
9.0667

■ 41.1255, -6.5858,
5.8378

Harmonies

Analogous

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



35.9240, -12.9414, 24.0287



35.9232, -29.5009, 21.6192



35.9240, -37.2381, 12.1860

Triad

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



35.9240, -29.5014, 21.6193



35.9240, -13.9251, -74.7424



35.9240, 56.8803, 11.4422

Complementary

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



35.9232, -29.5009, 21.6192



19.1437, 39.4909, -39.6378

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.



35.9240, 56.4055, -12.6002



35.9232, -29.5009, 21.6192



35.9240, 10.6175, -75.5075

Square

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



35.9240, -29.5014, 21.6193



35.9240, -30.0525, -46.2711



35.9240, 37.7706, -47.9513



35.9240, 38.9318, 21.3901

Rectangle

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



35.9232, -29.5009, 21.6192



35.9240, -38.1501, -1.6074



35.9240, 37.7706, -47.9513



35.9240, 58.9968, 5.1870

Sweetspot

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



35.9240, -29.5014, 21.6193



52.5046, -19.5755, 16.2717



34.2303, -0.9563, 21.0754



25.0081, -10.1177, 8.3543



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



35.9240, -29.5014, 21.6193



48.0203, -39.6947, 28.8950



35.8401, -29.5175, 18.9236



20.3216, -3.0482, 2.7173



37.6993, -30.9988, 22.6874



83.0451, -69.1818, 49.9608

Inverse Universe

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



19.1437, 39.4909, -39.6378



25.5065, 52.6974, -53.4139



20.9523, 38.7798, -8.9452



19.2960, 1.0101, -0.6601



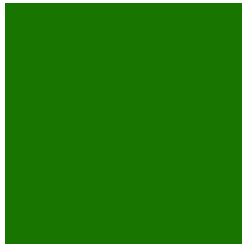
20.0774, 41.4310, -41.6607



43.9137, 90.9062, -93.3490

Previews

White Background



This preview shows how the HunterLab color 35.9232, -29.5009, 21.6192 looks on a white background.

Color Contrast Check

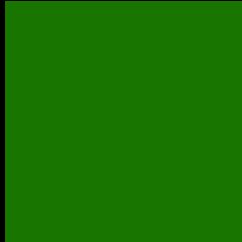
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 35.9232, -29.5009, 21.6192 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 35.9232, -29.5009, 21.6192 Background



This preview shows how black text looks on a background with the HunterLab color 35.9232, -29.5009, 21.6192.



This preview shows how white text looks on a background with the HunterLab color 35.9232, -29.5009, 21.6192.

-29.5009, 21.6192.

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

35.9232, -29.5009, 21.6192

Protanopia

35.8023, -5.4993, 21.9650

Deuteranopia

35.6233, 2.1570, 20.4580



Tritanopia

36.0585, -12.5756, -6.1831

Trichromacy



Original Color

35.9232, -29.5009, 21.6192

Protanomaly

34.9584, -17.4387, 21.2359

Deuteranomaly

34.4409, -13.2968, 20.1456

Tritanomaly

35.4804, -21.7474, 10.3585

Monochromacy



Original Color

35.9232, -29.5009, 21.6192

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

29.2668, -14.8546, 12.1091

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.9232, -29.5009, 21.6192 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(23, 117, 0)` looks like.

```
.text, #text, p{  
    color:rgb(23, 117, 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(23, 117, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 117, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 35.9232, -29.5009, 21.6192 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(23, 117, 0) }
```


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

```
.border{ border-color:rgb(23, 117, 0) }
```

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

Here you see how a box with a 4 pixel rgb(23, 117, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 117, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 117, 0);  
box-shadow:4px 4px 4px 4px rgb(23, 117, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 35.9232, -29.5009, 21.6192 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 117, 0) }
```

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

```
.background{ background-color: rgb(23, 117,  
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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