

Converting Colors

HunterLab(33.7175, -31.7435,
21.7624)

Have a look what the booklet for
HunterLab(33.7175, -31.7435,
21.7624) contains.

HunterLab(34.3661, -29.4689, 20.6603)	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(34.3661,
-29.4689, 20.6603)**

Conversions

Conversions Part 1

Format	Color
Hex	007100
RGB	0, 113, 0
RGB Percent	0%, 44%, 0%
CMY	1.0000, 0.5569, 1.0000
CMYK	1.00, 0.00, 1.00, 0.56
HSL	120°, 100%, 22%
HSV	120°, 100%, 44%
XYZ	5.9052, 11.8103, 1.9684
YIQ	66.3310, -31.0750, -59.0990

Conversions

Conversions Part 2

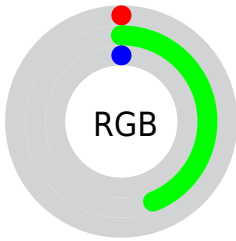
Format	Color
RYB	0, 113, 113
Decimal	28928
CIELab	40.91, -47.28, 45.63
CIELCh	41, 65.713, 136.017
Yxy	11.8108, 0.3000, 0.6000
Android (android.graphics.Color)	4278219008 (0xFF007100)
YUV	66.3310, -32.7012, -58.1723
Hunter-Lab	34.3661, -29.4689, 20.6603

Details

The HunterLab color $[34.3661, -29.4689, 20.6603]$ is a dark color, and the websafe version is hex 006600 . A complement of this color would be $[21.6865, 42.6357, -28.5991]$, and the grayscale version is $[23.5765, -1.2580, 1.2810]$.

A 20% lighter version of the original color is $[53.9770, -36.8117, 27.9202]$, and $[18.8547, -16.1679, 11.3352]$ is the 20% darker color. If you saturate the color by 10%, you get $[34.3668, -29.4694, 20.6604]$, and if you desaturate by 10%, it is $[34.5092, -28.7890, 20.2003]$.

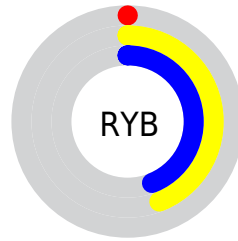
Distribution



Red (0%)

Green (44%)

Blue (0%)



Red (0%)

Yellow (44%)

Blue (44%)

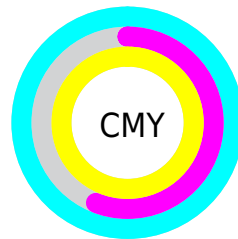


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (56%)



Cyan (100%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.3661, -29.4689, 20.6603 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 34.3661, -29.4689, 20.6603 by changing the saturation by 10% instead.

■ 34.3661, -29.4689,
20.6603

■ 34.3661, -29.4689,
20.6603

■ 142.5302,
-57.8364, 49.0678

■ 25.7196, -25.3839,
16.7683

■ 53.9907, -36.7528,
27.9596

■ 17.9513, -20.8413,
12.5659

■ 64.8554, -40.0900,
31.3149

■ 11.1757, -19.5575,
7.8230

■ 76.3645, -43.2816,
34.5211

■ 3.1806, -5.5660,
2.2264

■ 88.4838, -46.3559,
37.6045

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.1839,
-49.3339, 40.5859


0.0000, NaN, NaN


■ 114.4396,


0.0000, NaN, NaN


-52.2319, 43.4819


0.0000, NaN, NaN


 128.2283,
-55.0627, 46.3055


 34.3661, -29.4689,
20.6603


 34.3661, -29.4689,
20.6603


 34.3668, -29.4694,
20.6604

 34.5092, -28.7890,
20.2003

 34.7110, -27.8305,
19.5520

 35.0202, -26.3745,
18.5674

 35.4461, -24.3927,
17.2273

 35.9952, -21.8782,
15.5272

■ 36.6709, -18.8425,
13.4750

■ 37.4746, -15.3123,
11.0889

■ 38.4054, -11.3255,
8.3946

■ 39.4609, -6.9278,
5.4231

Harmonies

Analogous

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



34.3668, -13.8319, 23.1668



34.3661, -29.4689, 20.6603



34.3668, -36.5082, 10.9922

Triad

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



34.3668, -29.4694, 20.6604



34.3668, -12.4405, -75.5749



34.3668, 55.7918, 12.0366

Complementary

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



34.3661, -29.4689, 20.6603



21.6865, 42.6357, -28.5991

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.



34.3668, 56.4737, -10.7365



34.3661, -29.4689, 20.6603



34.3668, 12.0719, -74.4646

Square

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



34.3668, -29.4694, 20.6604



34.3668, -28.6967, -48.1374



34.3668, 38.7948, -45.7087



34.3668, 37.1313, 20.9706

Rectangle

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



34.3661, -29.4689, 20.6603



34.3668, -37.1219, -3.1371



34.3668, 38.7948, -45.7087



34.3668, 58.2773, 6.2225

Sweetspot

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



34.3668, -29.4694, 20.6604



50.0534, -20.8924, 15.1105



39.1428, -10.5135, 23.9356



23.8976, -10.8029, 7.7774



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



34.3668, -29.4694, 20.6604



45.9875, -39.4341, 27.6466



34.7868, -26.8489, 14.4786



19.3990, -3.1687, 2.5049



36.6018, -31.3859, 22.0041



81.6920, -70.0508, 49.1116

Inverse Universe

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



21.6865, 42.6357, -28.5991



29.0194, 57.0524, -38.2694



19.4970, 34.8788, 1.0506



18.5835, 1.2357, -0.5049



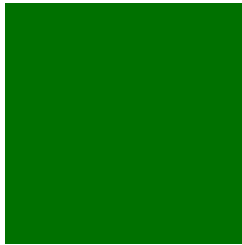
23.0968, 45.4085, -30.4590



51.5500, 101.3477, -67.9812

Previews

White Background



This preview shows how the HunterLab color 34.3661, -29.4689, 20.6603 looks on a white background.

Color Contrast Check

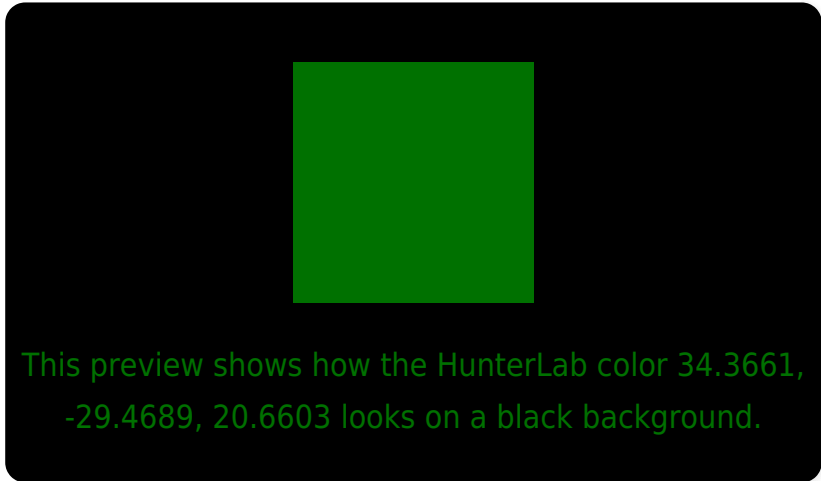
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 34.3661, -29.4689, 20.6603 Background



This preview shows how black text looks on a background with the HunterLab color 34.3661, -29.4689, 20.6603.



This preview shows how white text looks on a background with the HunterLab color 34.3661, -29.4689, 20.6603.

-29.4689, 20.6603.

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

34.3661, -29.4689, 20.6603

Protanopia

34.3520, -5.1330, 21.0777

Deuteranopia

34.3357, 1.7130, 19.5994



Tritanopia

34.5288, -12.5492, -6.2790

Trichromacy



Original Color

34.3661, -29.4689, 20.6603

Protanomaly

33.1145, -18.5763, 20.0798

Deuteranomaly

32.7560, -15.3013, 19.0289

Tritanomaly

33.8854, -21.8952, 9.4676

Monochromacy



Original Color

34.3661, -29.4689, 20.6603

Achromatopsia

23.3410, -1.2454, 1.2682

Achromatomaly

26.1647, -15.3203, 10.8907

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.3661, -29.4689, 20.6603 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, 113, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 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(0, 113, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 34.3661, -29.4689, 20.6603 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, 113, 0) }
```


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

```
.border{ border-color:rgb(0, 113, 0) }
```

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

Here you see how a box with a 4 pixel rgb(0, 113, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 113, 0); box-shadow:4px  
4px 4px 4px rgb(0, 113, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.3661, -29.4689, 20.6603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 0) }
```

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

```
.background{ background-color: rgb(0, 113,  
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](#).

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