

Converting Colors

HunterLab(29.7570, -2.1919,
0.8328)

Have a look what the booklet for
HunterLab(29.7570, -2.1919, 0.8328)
contains.

HunterLab(29.6004, -2.0906, 0.5684)	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(29.6004, -2.0906,
0.5684)**

Conversions

Conversions Part 1

Format	Color
Hex	515456
RGB	81, 84, 86
RGB Percent	32%, 33%, 34%
CMY	0.6824, 0.6706, 0.6627
CMYK	0.06, 0.02, 0.00, 0.66
HSL	204°, 3%, 33%
HSV	204°, 6%, 34%
XYZ	8.2434, 8.7618, 10.0608
YIQ	83.3310, -2.4300, -0.0140

Conversions

Conversions Part 2

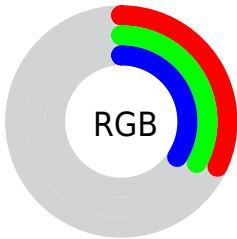
Format	Color
R_{YB}	81, 83, 86
Decimal	5330006
CIE Lab	35.52, -0.75, -1.59
CIE LCh	36, 1.757, 244.564
Yxy	8.7622, 0.3046, 0.3237
Android (android.graphics.Color)	4283520086 (0xFF515456)
YUV	83.3310, 1.3158, -2.0443
Hunter-Lab	29.6004, -2.0906, 0.5684

Details

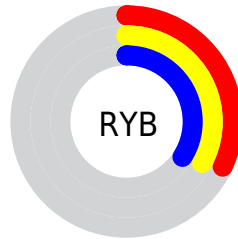
The HunterLab color **29.6004, -2.0906, 0.5684** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **29.5955, -1.0312, 2.6231**, and the grayscale version is **29.5279, -1.5755, 1.6043**.

A 20% lighter version of the original color is **48.2685, -2.9741, 1.0796**, and **14.0933, -1.1899, -0.1621** is the 20% darker color. If you saturate the color by 10%, you get **28.0809, -2.7869, -1.3346**, and if you desaturate by 10%, it is **31.1663, -1.2690, 2.4334**.

Distribution



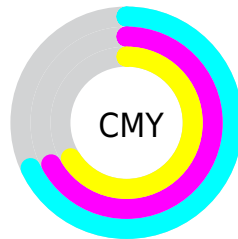
- Red (32%)
- Green (33%)
- Blue (34%)



- Red (32%)
- Yellow (33%)
- Blue (34%)



- Cyan (6%)
- Magenta (2%)
- Yellow (0%)
- Black (66%)



- Cyan (68%)
- Magenta (67%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.6004, -2.0906, 0.5684 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 29.6004, -2.0906, 0.5684 by changing the saturation by 10% instead.

■ 29.6004, -2.0906,
0.5684

■ 29.6004, -2.0906,
0.5684

■ 134.7568, -8.0449,
5.6270

■ 21.4159, -1.6015,
0.2259

■ 48.4145, -3.1876,
1.4133

■ 14.1658, -1.1548,
-0.0535

■ 58.9153, -3.7893,
1.9043

■ 7.8190, -0.8382,
-0.4156

■ 70.0816, -4.4242,
2.4362

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.8758, -5.0905,
3.0063

0.0000, NaN, NaN

■ 94.2662, -5.7869,
3.6122

0.0000, NaN, NaN

107.2253, -6.5121,

0.0000, NaN, NaN

4.2520

0.0000, NaN, NaN

120.7292, -7.2651,
4.9241

■ 29.6004, -2.0906,
0.5684

■ 29.6004, -2.0906,
0.5684

■ 28.0809, -2.7869,
-1.3346

■ 31.1663, -1.2690,
2.4334

■ 26.6097, -3.3406,
-3.2786

■ 32.7733, -0.3338,
4.2613

■ 25.1913, -3.7354,
-5.2641

■ 34.4192, 0.7023,
6.0553

■ 23.8300, -3.9528,
-7.2904

■ 36.1012, 1.8288,
7.8181

■ 22.5306, -3.9732,
-9.3549

■ 37.8170, 3.0365,
9.5525

■ 21.2976, -3.7772,
-11.4524

■ 39.5643, 4.3175,
11.2612

■ 20.1359, -3.3470,
-13.5748

■ 41.3412, 5.6646,
12.9468

■ 19.0493, -2.6689,
-15.7112

■ 43.1460, 7.0720,
14.6117

■ 18.0200, -1.8098,
-17.8956

■ 44.9771, 8.5343,
16.2582

Harmonies

Analogous

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



29.6010, -2.5562, 0.9607



29.6004, -2.0906, 0.5684



29.6010, -1.4861, 0.4585

Triad

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



29.6010, -2.0912, 0.5689



29.6010, -0.3834, 1.7014



29.6010, -2.2542, 2.5299

Complementary

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



29.6004, -2.0906, 0.5684



29.5955, -1.0312, 2.6231

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.



29.6010, -1.6758, 2.7194



29.6004, -2.0906, 0.5684



29.6010, -0.5930, 2.2474

Square

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



29.6010, -2.0912, 0.5689



29.6010, -0.4969, 1.1201



29.6010, -1.0673, 2.6171



29.6010, -2.6498, 2.0941

Rectangle

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



29.6004, -2.0906, 0.5684



29.6010, -1.0839, 0.5613



29.6010, -1.0673, 2.6171



29.6010, -2.0749, 2.6241

Sweetspot

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



29.6010, -2.0912, 0.5689



39.9019, -2.3761, 1.6813



30.0471, -3.3973, 2.3402



19.7302, -1.1627, 0.8557



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



29.6010, -2.0912, 0.5689



38.8437, -2.9063, 0.3971



28.9712, -1.0447, -0.1843



15.0967, -1.1204, 0.1742



21.8252, -1.3168, -24.4369



49.9744, -0.1692, -62.0984

Inverse Universe

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



29.1608, 0.2680, 0.9191



38.1231, 0.9720, 0.9807



30.2248, -2.0779, 3.3173



14.8248, 0.3425, 0.3939



18.7230, 34.0584, -3.3648



44.1726, 79.9888, -5.1146

Previews

White Background



This preview shows how the HunterLab color 29.6004, -2.0906, 0.5684 looks on a white background.

Color Contrast Check

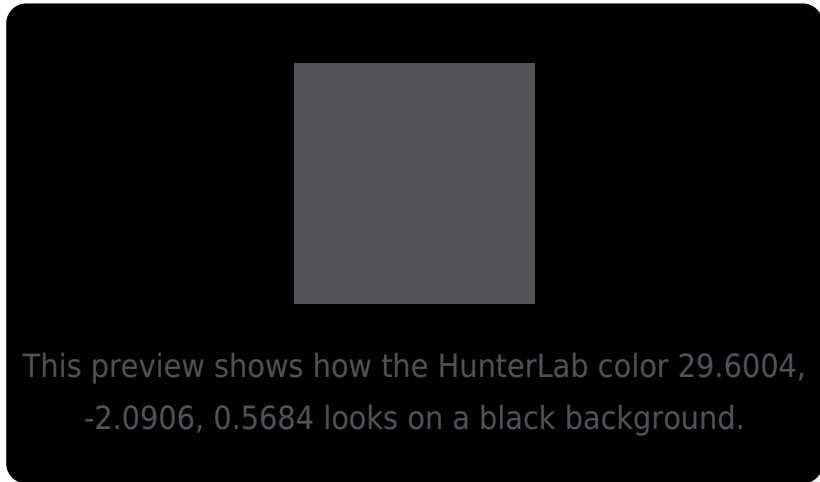
Large Text (above 18pt) WCAG AA ✓ Pass

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

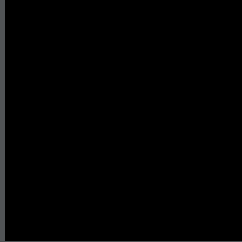
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

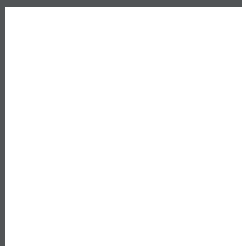
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 29.6004, -2.0906, 0.5684 Background



This preview shows how black text looks on a background with the HunterLab color 29.6004, -2.0906, 0.5684.



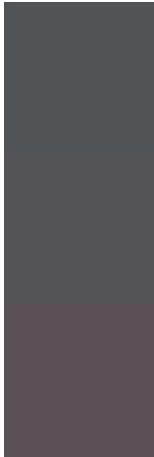
This preview shows how white text looks on a background with the HunterLab color 29.6004, -2.0906, 0.5684.

0.5684.

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

29.6004, -2.0906, 0.5684

Protanopia

29.5418, -1.0089, 0.9372

Deuteranopia

29.5747, 1.8351, 0.1794



Tritanopia

29.5272, -0.7810, -1.2421

Trichromacy



Original Color

29.6004, -2.0906, 0.5684

Protanomaly

29.4642, -1.2779, 0.8392

Deuteranomaly

29.5786, 0.5472, 0.1617

Tritanomaly

29.4985, -0.9373, -0.8358

Monochromacy



Original Color

29.6004, -2.0906, 0.5684

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.3606, -1.6917, 1.1247

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.6004, -2.0906, 0.5684 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(81, 84, 86)` looks like.

```
.text, #text, p{  
    color:rgb(81, 84, 86)  
}
```

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(81, 84, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 84, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 29.6004, -2.0906, 0.5684 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(81, 84, 86) }
```


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

```
.border{ border-color:rgb(81, 84, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 84, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 84, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 84, 86);  
box-shadow:4px 4px 4px 4px rgb(81, 84, 86)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.6004, -2.0906, 0.5684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 84, 86) }
```

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

```
.background{ background-color: rgb(81, 84,  
86) }
```

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