

Converting Colors

HunterLab(29.0714, -3.5518,
0.6826)

Have a look what the booklet for
HunterLab(29.0714, -3.5518, 0.6826)
contains.

HunterLab(29.1843, -3.6648, 0.8793)	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(29.1843, -3.6648,
0.8793)**

Conversions

Conversions Part 1

Format	Color
Hex	4C5454
RGB	76, 84, 84
RGB Percent	30%, 33%, 33%
CMY	0.7020, 0.6706, 0.6706
CMYK	0.10, 0.00, 0.00, 0.67
HSL	180°, 5%, 31%
HSV	180°, 10%, 33%
XYZ	7.7510, 8.5172, 9.6229
YIQ	81.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

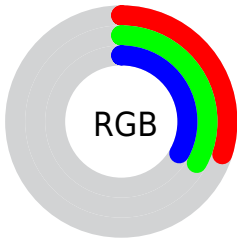
Format	Color
RYB	76, 80, 84
Decimal	5002324
CIELab	35.04, -3.17, -1.09
CIELCh	35, 3.348, 199.003
Yxy	8.5176, 0.2994, 0.3290
Android (android.graphics.Color)	4283192404 (0xFF4C5454)
YUV	81.6080, 1.1793, -4.9182
Hunter-Lab	29.1843, -3.6648, 0.8793

Details

The HunterLab color **29.1843, -3.6648, 0.8793** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **27.5241, 0.7667, 2.2440**, and the grayscale version is **28.9030, -1.5422, 1.5704**.

A 20% lighter version of the original color is **47.7792, -4.8651, 1.8198**, and **13.8007, -2.3263, 0.2169** is the 20% darker color. If you saturate the color by 10%, you get **28.6281, -5.6625, 0.1709**, and if you desaturate by 10%, it is **29.8068, -1.4810, 1.6561**.

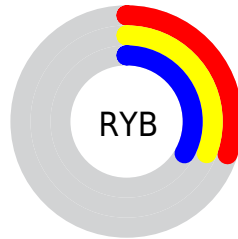
Distribution



Red (30%)

Green (33%)

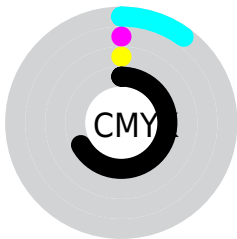
Blue (33%)



Red (30%)

Yellow (31%)

Blue (33%)

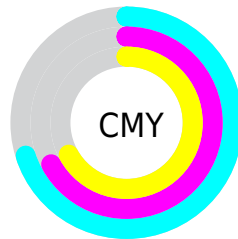


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (67%)



Cyan (70%)

Magenta (67%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1843, -3.6648, 0.8793 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 29.1843, -3.6648, 0.8793 by changing the saturation by 10% instead.

■ 29.1843, -3.6648,
0.8793

■ 29.1843, -3.6648,
0.8793

134.0661,
-10.6949, 6.1285

■ 21.0426, -3.0062,
0.5079

■ 47.9240, -5.0551,
1.7752

■ 13.8408, -2.3668,
0.1962

■ 58.3914, -5.7874,
2.2893

■ 7.4685, -2.2456,
-0.1985

■ 69.5264, -6.5449,
2.8429

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 81.2910, -7.3271,
3.4336

0.0000, NaN, NaN

■ 93.6532, -8.1336,
4.0592

0.0000, NaN, NaN

106.5854, -8.9641,

0.0000, NaN, NaN

120.0635, -9.8180,
5.4081

■ 29.1843, -3.6648,
0.8793

■ 29.1843, -3.6648,
0.8793

■ 28.6281, -5.6625,
0.1709

■ 29.8068, -1.4810,
1.6561

■ 28.1371, -7.4578,
-0.4655

■ 30.4925, 0.8744,
2.4944

■ 27.7121, -9.0389,
-1.0254

■ 31.2402, 3.3838,
3.3888

■ 27.3527, -10.3970,
-1.5058

■ 32.0479, 6.0301,
4.3335

■ 27.0574, -11.5275,
-1.9052

■ 32.9133, 8.7969,
5.3227

■ 26.8240, -12.4305,
-2.2240

■ 33.8341, 11.6683,
6.3511

■ 26.6494, -13.1122,
-2.4643

■ 34.8077, 14.6300,
7.4135

■ 26.5286, -13.5868,
-2.6313

■ 35.8315, 17.6687,
8.5054

■ 26.4262, -13.9910,
-2.7734

■ 36.9031, 20.7727,
9.6227

Harmonies

Analogous

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



29.1849, -3.7447, 1.9958



29.1843, -3.6648, 0.8793



29.1849, -3.0269, -0.0813

Triad

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



29.1849, -3.6654, 0.8798



29.1849, 0.1669, 0.1425



29.1849, -1.1264, 3.6215

Complementary

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



29.1843, -3.6648, 0.8793



27.5241, 0.7667, 2.2440

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.



29.1849, -0.0611, 3.1653



29.1843, -3.6648, 0.8793



29.1849, 0.6934, 1.1755

Square

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



29.1849, -3.6654, 0.8798



29.1849, -0.8191, -0.5184



29.1849, 0.6093, 2.2801



29.1849, -2.2912, 3.5494

Rectangle

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



29.1843, -3.6648, 0.8793



29.1849, -2.3643, -0.4910



29.1849, 0.6093, 2.2801



29.1849, -0.7444, 3.5256

Sweetspot

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



29.1849, -3.6654, 0.8798



39.0909, -3.0177, 1.8118



28.9910, -4.7643, 3.7970



19.7607, -1.6205, 0.8841



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.



29.1849, -3.6654, 0.8798



38.4297, -5.3536, 0.9819



28.1669, -2.0201, -0.3352



14.5565, -1.7371, 0.4693



33.1994, -17.6046, -3.4932



79.7295, -42.2786, -8.3876

Inverse Universe

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



27.5241, 0.7667, 2.2440



35.8124, 1.6336, 3.1327



28.5039, -0.9115, 3.3253



13.8019, 0.2765, 1.0891



17.2514, 29.5439, 11.1456



41.4298, 70.9500, 26.7692

Previews

White Background



This preview shows how the HunterLab color 29.1843, -3.6648, 0.8793 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



This preview shows how the HunterLab color 29.1843, -3.6648, 0.8793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

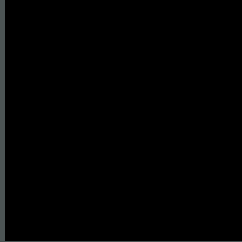
Any Text WCAG AA × Fail

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 29.1843, -3.6648, 0.8793 Background



This preview shows how black text looks on a background with the HunterLab color 29.1843, -3.6648, 0.8793.



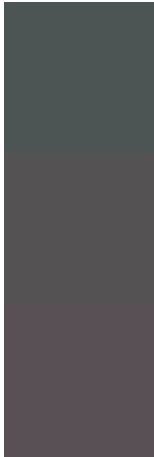
This preview shows how white text looks on a background with the HunterLab color 29.1843, -3.6648,

0.8793.

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

29.1843, -3.6648, 0.8793

Protanopia

29.2300, -0.8649, 1.3967

Deuteranopia

29.1840, 1.7012, 0.5526



Tritanopia

29.1590, -2.0598, -1.7366

Trichromacy



Original Color

29.1843, -3.6648, 0.8793

Protanomaly

29.2581, -2.1023, 1.4083

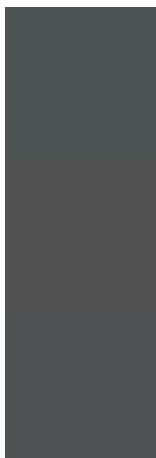
Deuteranomaly

29.0268, -0.1357, 0.3291

Tritanomaly

29.1013, -2.3771, -0.9195

Monochromacy



Original Color

29.1843, -3.6648, 0.8793

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

29.1831, -2.3651, 1.3148

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.1843, -3.6648, 0.8793 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(76, 84, 84)` looks like.

```
.text, #text, p{  
    color:rgb(76, 84, 84)  
}
```

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(76, 84, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 84, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 29.1843, -3.6648, 0.8793 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(76, 84, 84) }
```


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

```
.border{ border-color:rgb(76, 84, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 84, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 84, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 84, 84);  
box-shadow:4px 4px 4px 4px rgb(76, 84, 84)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.1843, -3.6648, 0.8793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 84, 84) }
```

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

```
.background{ background-color: rgb(76, 84,  
84) }
```

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