

Converting Colors

HunterLab(29.0390, -3.6575,
2.1887)

Have a look what the booklet for
HunterLab(29.0390, -3.6575, 2.1887)
contains.

HunterLab(28.8851, -3.5724, 2.1582)	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(28.8851, -3.5724,
2.1582)**

Conversions

Conversions Part 1

Format	Color
Hex	4D5350
RGB	77, 83, 80
RGB Percent	30%, 33%, 31%
CMY	0.6980, 0.6745, 0.6863
CMYK	0.07, 0.00, 0.04, 0.67
HSL	150°, 4%, 31%
HSV	150°, 7%, 33%
XYZ	7.6018, 8.3435, 8.7992
YIQ	80.8640, -2.6130, -2.2050

Conversions

Conversions Part 2

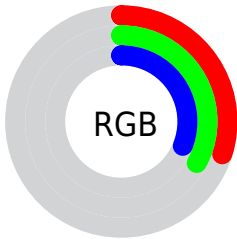
Format	Color
R_{YB}	77, 81, 83
Decimal	5067600
CIE Lab	34.69, -3.06, 0.93
CIE LCh	35, 3.197, 163.167
Yxy	8.3438, 0.3072, 0.3372
Android (android.graphics.Color)	4283257680 (0xFF4D5350)
YUV	80.8640, -0.4260, -3.3887
Hunter-Lab	28.8851, -3.5724, 2.1582

Details

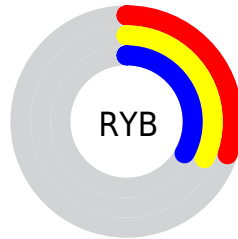
The HunterLab color **28.8851, -3.5724, 2.1582** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **27.7960, 0.6086, 0.9489**, and the grayscale version is **28.6384, -1.5281, 1.5560**.

A 20% lighter version of the original color is **47.4585, -4.7526, 3.2139**, and **13.5534, -2.1358, 1.0127** is the 20% darker color. If you saturate the color by 10%, you get **28.2149, -6.1935, 2.9671**, and if you desaturate by 10%, it is **29.6222, -0.7795, 1.3890**.

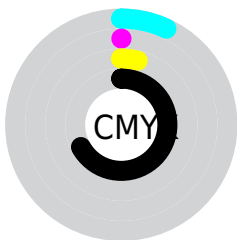
Distribution



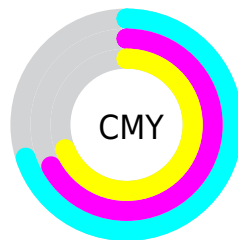
- Red (30%)
- Green (33%)
- Blue (31%)



- Red (30%)
- Yellow (32%)
- Blue (33%)



- Cyan (7%)
- Magenta (0%)
- Yellow (4%)
- Black (67%)



- Cyan (70%)
- Magenta (67%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8851, -3.5724, 2.1582 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 28.8851, -3.5724, 2.1582 by changing the saturation by 10% instead.

■ 28.8851, -3.5724,
2.1582

■ 28.8851, -3.5724,
2.1582

■ 133.5682,
-10.5469, 8.2539

■ 20.7744, -2.9223,
1.6547

■ 47.5708, -4.9479,
3.2839

■ 13.6077, -2.2921,
1.1938

■ 58.0142, -5.6735,
3.9005

■ 7.2048, -2.2353,
0.9248

■ 69.1265, -6.4246,
4.5507

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.8697, -7.2007,
5.2327

0.0000, NaN, NaN

■ 93.2115, -8.0016,
5.9452

0.0000, NaN, NaN

106.1242, -8.8265,

0.0000, NaN, NaN

119.5835, -9.6751,
7.4568

■ 28.8851, -3.5724,
2.1582

■ 28.8851, -3.5724,
2.1582

■ 28.2149, -6.1935,
2.9671

■ 29.6222, -0.7795,
1.3890

■ 27.6115, -8.6202,
3.8090

■ 30.4222, 2.1658,
0.6620

■ 27.0766, -10.8333,
4.6778

■ 31.2834, 5.2425,
-0.0193

■ 26.6105, -12.8155,
5.5656

■ 32.2033, 8.4313,
-0.6535

■ 26.2131, -14.5530,
6.4636

■ 33.1790, 11.7145,
-1.2399

■ 25.8830, -16.0371,
7.3619

■ 34.2078, 15.0761,
-1.7786

■ 25.6179, -17.2649,
8.2504

■ 35.2869, 18.5021,
-2.2703

■ 25.4142, -18.2413,
9.1184

■ 36.4136, 21.9805,
-2.7165

■ 25.2457, -19.0680,
9.9361

■ 37.5852, 25.5008,
-3.1187

Harmonies

Analogous

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



28.8857, -2.9997, 3.0253



28.8851, -3.5724, 2.1582



28.8857, -3.6076, 1.1023

Triad

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



28.8857, -3.5730, 2.1586



28.8857, -1.0512, -0.4919



28.8857, 0.0429, 2.9375

Complementary

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



28.8851, -3.5724, 2.1582



27.7960, 0.6086, 0.9489

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.



28.8857, 0.5817, 2.0346



28.8851, -3.5724, 2.1582



28.8857, -0.0564, 0.0397

Square

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



28.8857, -3.5730, 2.1586



28.8857, -2.1631, -0.4556



28.8857, 0.5451, 0.9735



28.8857, -0.9173, 3.4631

Rectangle

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



28.8851, -3.5724, 2.1582



28.8857, -3.3215, 0.4303



28.8857, 0.5451, 0.9735



28.8857, 0.2799, 2.6695

Sweetspot

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



28.8857, -3.5730, 2.1586



38.1814, -2.8070, 2.2917



29.0389, -3.1803, 3.5022



18.9648, -1.3546, 1.1270



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

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



28.8857, -3.5730, 2.1586



37.5072, -5.3909, 3.0317



28.9615, -3.1532, 1.0778



14.5091, -2.0009, 1.1468



32.0344, -24.6802, 13.2374



76.8129, -60.0074, 33.5294

Inverse Universe

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



27.7960, 0.6086, 0.9489



35.6816, 1.6160, 1.0057



27.7204, 0.1995, 2.0274



13.8492, 0.5317, 0.4144



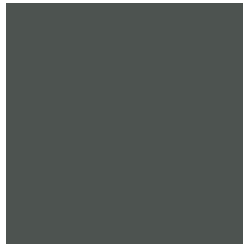
17.9628, 32.1567, 0.7948



42.9261, 76.4528, 4.9430

Previews

White Background



This preview shows how the HunterLab color 28.8851, -3.5724, 2.1582 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 28.8851, -3.5724, 2.1582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

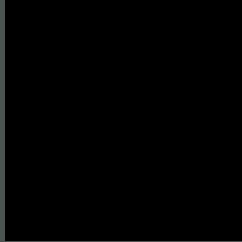
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

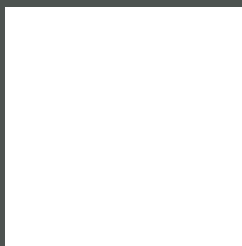
Any Text WCAG AAA × Fail

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

HunterLab 28.8851, -3.5724, 2.1582 Background



This preview shows how black text looks on a background with the HunterLab color 28.8851, -3.5724, 2.1582.



This preview shows how white text looks on a background with the HunterLab color 28.8851, -3.5724,

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

28.8851, -3.5724, 2.1582

Protanopia

28.7895, -1.2702, 2.4839

Deuteranopia

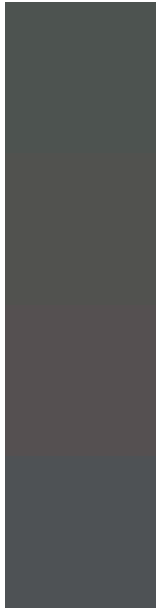
28.9132, 1.8635, 1.8855



Tritanopia

28.9117, -1.6938, -1.1478

Trichromacy



Original Color

28.8851, -3.5724, 2.1582

Protanomaly

28.8937, -2.2414, 2.5859

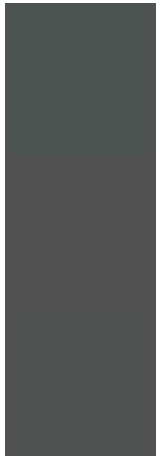
Deuteranomaly

28.7449, -0.0032, 1.6557

Tritanomaly

28.8274, -2.1570, 0.0493

Monochromacy



Original Color

28.8851, -3.5724, 2.1582

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.8689, -2.2257, 1.7622

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8851, -3.5724, 2.1582 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(77, 83, 80)` looks like.

```
.text, #text, p{  
    color:rgb(77, 83, 80)  
}
```

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(77, 83, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 83, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8851, -3.5724, 2.1582 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(77, 83, 80) }
```


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

```
.border{ border-color:rgb(77, 83, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 83, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 83, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 83, 80);  
box-shadow:4px 4px 4px 4px rgb(77, 83, 80)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.8851, -3.5724, 2.1582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 83, 80) }
```

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

```
.background{ background-color: rgb(77, 83,  
80) }
```

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