

Converting Colors

HunterLab(28.6157, -1.9815,
3.0509)

Have a look what the booklet for
HunterLab(28.6157, -1.9815, 3.0509)
contains.

HunterLab(28.5832, -2.0889, 3.0123)	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(28.5832, -2.0889,
3.0123)**

Conversions

Conversions Part 1

Format	Color
Hex	51514D
RGB	81, 81, 77
RGB Percent	32%, 32%, 30%
CMY	0.6824, 0.6823, 0.6980
CMYK	0.00, 0.00, 0.05, 0.68
HSL	60°, 3%, 31%
HSV	60°, 5%, 32%
XYZ	7.6753, 8.1700, 8.1936
YIQ	80.5440, 1.2840, -1.2440

Conversions

Conversions Part 2

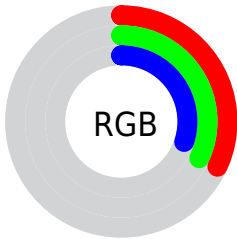
Format	Color
RYB	77, 81, 77
Decimal	5329229
CIELab	34.34, -0.84, 2.35
CIElCh	34, 2.493, 109.754
Yxy	8.1703, 0.3193, 0.3399
Android (android.graphics.Color)	4283519309 (0xFF51514D)
YUV	80.5440, -1.7472, 0.3999
Hunter-Lab	28.5832, -2.0889, 3.0123

Details

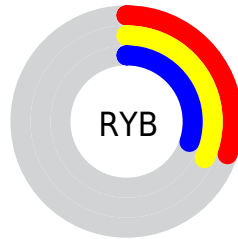
The HunterLab color **28.5832, -2.0889, 3.0123** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **27.3493, -0.8694, -0.0397**, and the grayscale version is **28.5262, -1.5221, 1.5499**.

A 20% lighter version of the original color is **47.1354, -3.1332, 4.1612**, and **13.5139, -1.2075, 1.9934** is the 20% darker color. If you saturate the color by 10%, you get **28.3951, -3.1304, 5.7198**, and if you desaturate by 10%, it is **28.7961, -0.9274, -0.0108**.

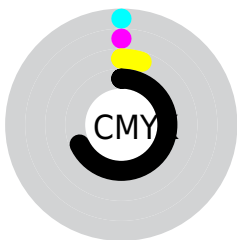
Distribution



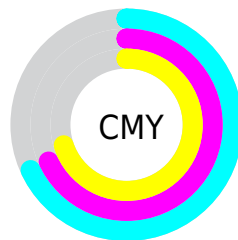
- Red (32%)
- Green (32%)
- Blue (30%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (5%)
- Black (68%)



- Cyan (68%)
- Magenta (68%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.5832, -2.0889, 3.0123 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 28.5832, -2.0889, 3.0123 by changing the saturation by 10% instead.

■ 28.5832, -2.0889,
3.0123

■ 28.5832, -2.0889,
3.0123

■ 133.0647, -8.0494,
9.7184

■ 20.5040, -1.5986,
2.4114

■ 47.2141, -3.1879,
4.3055

■ 13.3731, -1.1501,
1.8387

■ 57.6330, -3.7904,
4.9964

■ 6.9277, -0.9001,
1.7813

■ 68.7224, -4.4259,
5.7161

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 80.4438, -5.0929,
6.4637

0.0000, NaN, NaN

■ 92.7650, -5.7899,
7.2385

0.0000, NaN, NaN

0.0000, NaN, NaN

105.6579, -6.5156,

119.0983, -7.2691,
8.8666

■ 28.5832, -2.0889,
3.0123

■ 28.5832, -2.0889,
3.0123

■ 28.3951, -3.1304,
5.7198

■ 28.7961, -0.9274,
-0.0108

■ 28.2294, -4.0497,
8.1105

■ 29.0322, 0.3555,
-3.3487

■ 28.0862, -4.8486,
10.1877

■ 29.2925, 1.7573,
-6.9964

■ 27.9648, -5.5292,
11.9566

■ 29.5769, 3.2755,
-10.9477

■ 27.8643, -6.0947,
13.4260

■ 29.8856, 4.9071,
-15.1946

■ 27.7837, -6.5495,
14.6073

■ 30.2185, 6.6484,
-19.7275

■ 27.7218, -6.8996,
15.5158

■ 30.5754, 8.4953,
-24.5358

■ 27.6772, -7.1523,
16.1705

■ 30.9562, 10.4432,
-29.6077

■ 27.6443, -7.3389,
16.6534

■ 31.3605, 12.4875,
-34.9309

Harmonies

Analogous

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



28.5838, -1.2287, 3.0772



28.5832, -2.0889, 3.0123



28.5838, -2.7917, 2.5646

Triad

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



28.5838, -2.0896, 3.0127



28.5838, -2.5989, 0.3151



28.5838, 0.1373, 1.2715

Complementary

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



28.5832, -2.0889, 3.0123



27.3493, -0.8694, -0.0397

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.



28.5838, -0.2393, 0.5091



28.5832, -2.0889, 3.0123



28.5838, -1.8235, -0.0540

Square

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



28.5838, -2.0896, 3.0127



28.5838, -3.0834, 1.0131



28.5838, -0.9594, 0.0181



28.5838, 0.0640, 2.0883

Rectangle

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



28.5832, -2.0889, 3.0123



28.5838, -3.0786, 2.1009



28.5838, -0.9594, 0.0181



28.5838, 0.0590, 1.0000

Sweetspot

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



28.5838, -2.0896, 3.0127



37.3861, -2.1522, 2.4383



27.5556, -0.3705, 1.8658



19.0412, -1.0881, 1.2209



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.



28.5838, -2.0896, 3.0127



37.2488, -2.9061, 4.3994



28.4312, -2.6250, 2.8311



14.7613, -1.1462, 1.7294



36.0347, -9.6939, 22.0347



86.5381, -23.2826, 52.9168

Inverse Universe

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



27.3493, -0.8694, -0.0397



35.2282, -0.9084, -0.5979



27.5032, -0.3387, 0.1589



13.9728, -0.3667, -0.2206



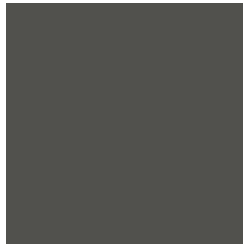
10.0548, 27.2707, -71.4206



24.1448, 65.4899, -171.5376

Previews

White Background



This preview shows how the HunterLab color 28.5832, -2.0889, 3.0123 looks on a white background.

Color Contrast Check

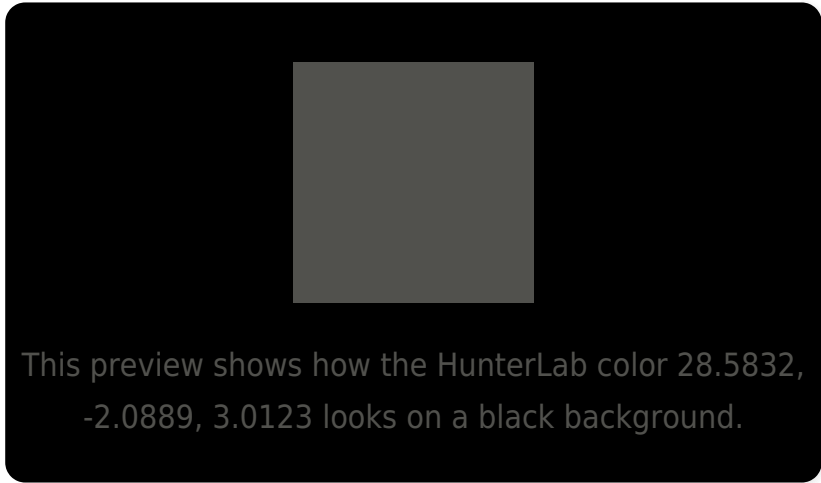
Large Text (above 18pt) WCAG AA ✓ Pass

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

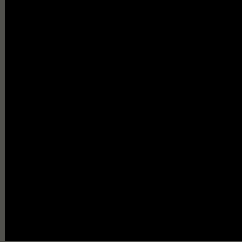
Any Text WCAG AA × Fail

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 28.5832, -2.0889, 3.0123 Background



This preview shows how black text looks on a background with the HunterLab color 28.5832, -2.0889, 3.0123.

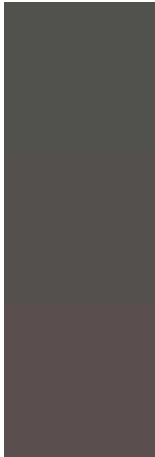


This preview shows how white text looks on a background with the HunterLab color 28.5832, -2.0889, 3.0123.

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

28.5832, -2.0889, 3.0123

Protanopia

28.4818, -1.1130, 2.9150

Deuteranopia

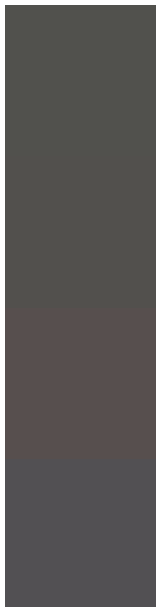
28.5876, 1.8965, 2.7001



Tritanopia

28.6410, -0.0882, -0.5786

Trichromacy



Original Color

28.5832, -2.0889, 3.0123

Protanomaly

28.4024, -1.3884, 2.8204

Deuteranomaly

28.5802, 0.5840, 2.6686

Tritanomaly

28.5582, -0.5382, 0.5979

Monochromacy



Original Color

28.5832, -2.0889, 3.0123

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.6590, -1.6729, 1.9292

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.5832, -2.0889, 3.0123 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, 81, 77)` looks like.

```
.text, #text, p{  
    color:rgb(81, 81, 77)  
}
```

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, 81, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 81, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 28.5832, -2.0889, 3.0123 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, 81, 77) }
```


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

```
.border{ border-color:rgb(81, 81, 77) }
```

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

Here you see how a box with a 4 pixel rgb(81, 81, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 81, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 81, 77);  
box-shadow:4px 4px 4px 4px rgb(81, 81, 77)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.5832, -2.0889, 3.0123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 81, 77) }
```

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

```
.background{ background-color: rgb(81, 81,  
77) }
```

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