

Converting Colors

HunterLab(28.5251, 28.0953,
0.8311)

Have a look what the booklet for
HunterLab(28.5251, 28.0953,
0.8311) contains.

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Color

**HunterLab(28.5882, 28.3071,
0.7163)**

Conversions

Conversions Part 1

Format	Color
Hex	853554
RGB	133, 53, 84
RGB Percent	52%, 21%, 33%
CMY	0.4784, 0.7921, 0.6706
CMYK	0.00, 0.60, 0.37, 0.48
HSL	337°, 43%, 36%
HSV	337°, 60%, 52%
XYZ	12.5462, 8.1729, 9.3038
YIQ	80.4540, 37.7290, 26.6010

Conversions

Conversions Part 2

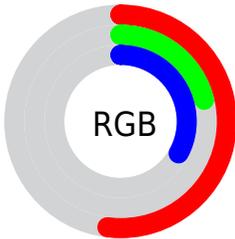
Format	Color
RYB	133, 53, 84
Decimal	8729940
CIELab	34.34, 37.60, -1.30
CIElCh	34, 37.618, 358.026
Yxy	8.1733, 0.4179, 0.2722
Android (android.graphics.Color)	4286920020 (0xFF853554)
YUV	80.4540, 1.7482, 46.0828
Hunter-Lab	28.5882, 28.3071, 0.7163

Details

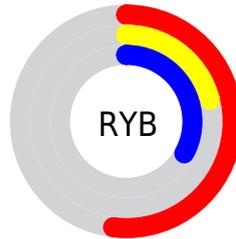
The HunterLab color **28.5882, 28.3071, 0.7163** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **43.0017, -24.3848, 8.7373**, and the grayscale version is **28.4724, -1.5192, 1.5470**.

A 20% lighter version of the original color is **47.3423, 30.9053, 1.9227**, and **13.6087, 24.3816, 0.4498** is the 20% darker color. If you saturate the color by 10%, you get **26.4652, 32.7418, 1.6225**, and if you desaturate by 10%, it is **31.1351, 23.3523, 0.2486**.

Distribution



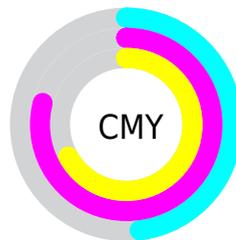
- Red (52%)
- Green (21%)
- Blue (33%)



- Red (52%)
- Yellow (21%)
- Blue (33%)



- Cyan (0%)
- Magenta (60%)
- Yellow (37%)
- Black (48%)



- Cyan (48%)
- Magenta (79%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.5882, 28.3071, 0.7163 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 28.5882, 28.3071, 0.7163 by changing the saturation by 10% instead.

■ 28.5882, 28.3071,
0.7163

■ 28.5882, 28.3071,
0.7163

■ 133.0732, 37.6580,
5.8557

■ 20.5086, 26.7051,
0.3624

■ 47.2202, 31.1280,
1.5826

■ 13.3771, 25.0243,
0.0703

■ 57.6395, 32.3543,
2.0832

■ 6.9325, 26.3586,
-0.3976

■ 68.7293, 33.4688,
2.6243

0.0000, INF, NaN

0.0000, NaN, NaN

■ 80.4511, 34.4809,
3.2032

0.0000, NaN, NaN

■ 92.7725, 35.3989,
3.8175

0.0000, NaN, NaN

■ 105.6658, 36.2302,

0.0000, NaN, NaN

4.4654

0.0000, NaN, NaN

119.1065, 36.9814,
5.1453

■ 28.5882, 28.3071,
0.7163

■ 28.5882, 28.3071,
0.7163

■ 26.4652, 32.7418,
1.6225

■ 31.1351, 23.3523,
0.2486

■ 24.8137, 36.3228,
2.9703

■ 34.0469, 18.1532,
0.1717

■ 23.6616, 38.7247,
4.6980

■ 37.2701, 12.8875,
0.4258

■ 22.8698, 40.2311,
6.5161

■ 40.7572, 7.6594,
0.9510

■ 44.4685, 2.5201,
1.6954

■ 48.3718, -2.5110,
2.6166

■ 52.4409, -7.4327,
3.6813

■ 56.6548, -12.2527,
4.8635

■ 60.9966, -16.9825,
6.1431

Harmonies

Analogous

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



28.5889, 23.1737, -14.2910



28.5882, 28.3071, 0.7163



28.5889, 24.3232, 10.6914

Triad

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



28.5889, 28.3052, 0.7170



28.5889, -12.4408, 15.6686



28.5889, -13.6966, -27.2020

Complementary

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



28.5882, 28.3071, 0.7163



43.0017, -24.3848, 8.7373

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.



28.5889, -20.5614, -12.1715



28.5882, 28.3071, 0.7163



28.5889, -19.9335, 11.5703

Square

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



28.5889, 28.3052, 0.7170



28.5889, -0.6527, 16.6508



28.5889, -22.6226, 2.3706



28.5889, -2.3909, -34.3154

Rectangle

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



28.5882, 28.3071, 0.7163



28.5889, 17.3763, 14.2657



28.5889, -22.6226, 2.3706



28.5889, -16.5179, -22.6506

Sweetspot

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



28.5889, 28.3052, 0.7170



55.3845, 9.0450, 1.4265



26.4705, 27.0036, -32.9192



25.7084, 5.1245, 0.5724



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



28.5889, 28.3052, 0.7170



34.5701, 45.6419, 2.7355



29.2943, 21.7608, 11.6139



21.7172, 0.9685, 0.8628



22.3237, 39.2767, 6.3109



1.3646, 2.4955, -0.3483

Inverse Universe

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



28.5889, 28.3052, 0.7170



34.5701, 45.6419, 2.7355



41.3737, -16.1633, -6.5882



21.7172, 0.9685, 0.8628



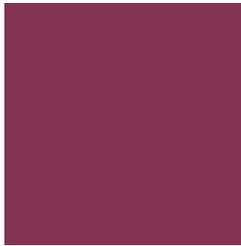
22.3237, 39.2767, 6.3109



1.3646, 2.4955, -0.3483

Previews

White Background



This preview shows how the HunterLab color 28.5882, 28.3071, 0.7163 looks on a white background.

Color Contrast Check

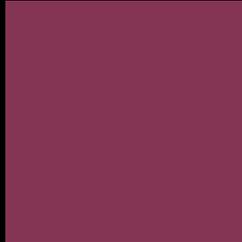
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5882, 28.3071, 0.7163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

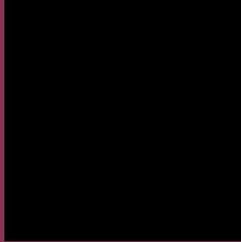
Any Text WCAG AA × Fail

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 28.5882, 28.3071, 0.7163 Background



This preview shows how black text looks on a background with the HunterLab color 28.5882, 28.3071, 0.7163.



This preview shows how white text looks on a background with the HunterLab color 28.5882, 28.3071,

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

28.5882, 28.3071, 0.7163

Protanopia

28.9866, 0.7050, -7.3094

Deuteranopia

28.8874, 1.7253, 2.2536



Tritanopia

28.6343, 23.0912, 8.6120

Trichromacy



Original Color

28.5882, 28.3071, 0.7163

Protanomaly

28.0608, 9.7254, -5.4142

Deuteranomaly

28.3524, 10.9437, 1.3832

Tritanomaly

28.5938, 25.0929, 6.0440

Monochromacy



Original Color

28.5882, 28.3071, 0.7163

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

27.6171, 8.6833, 0.4572

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.5882, 28.3071, 0.7163 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(133, 53, 84)` looks like.

```
.text, #text, p{  
    color:rgb(133, 53, 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(133, 53, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 53, 84) }
```

Border

The CSS property to change the border of an element to HunterLab 28.5882, 28.3071, 0.7163 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(133, 53, 84) }
```

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

```
.border{ border-color:rgb(133, 53, 84) }
```

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

Here you see how a box with a 4 pixel rgb(133, 53, 84) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 53, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 53, 84);  
box-shadow:4px 4px 4px 4px rgb(133, 53,  
84) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.5882, 28.3071, 0.7163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 53, 84) }
```

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

```
.background{ background-color: rgb(133, 53,  
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](#).

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