

Converting Colors

HunterLab(30.1970, 29.3725,
12.0177)

Have a look what the booklet for
HunterLab(30.1970, 29.3725,
12.0177) contains.

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Color

**HunterLab(30.1980, 29.3743,
12.0256)**

Conversions

Conversions Part 1

Format	Color
Hex	923737
RGB	146, 55, 55
RGB Percent	57%, 22%, 22%
CMY	0.4275, 0.7843, 0.7843
CMYK	0.00, 0.62, 0.62, 0.43
HSL	0°, 45%, 39%
HSV	0°, 62%, 57%
XYZ	13.9098, 9.1192, 4.6415
YIQ	82.2090, 54.2360, 19.2920

Conversions

Conversions Part 2

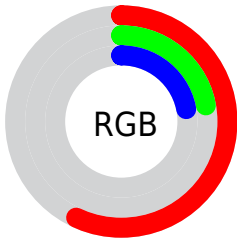
Format	Color
R_{YB}	146, 55, 55
Decimal	9582391
CIE _{Lab}	36.21, 38.43, 20.16
CIE _{LCh}	36, 43.398, 27.677
Yxy	9.1197, 0.5027, 0.3296
Android (android.graphics.Color)	4287772471 (0xFF923737)
YUV	82.2090, -13.4140, 55.9447
Hunter-Lab	30.1980, 29.3743, 12.0256

Details

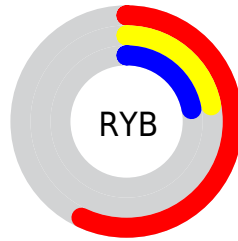
The HunterLab color **30.1980, 29.3743, 12.0256** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **48.4187, -21.9060, -3.8479**, and the grayscale version is **29.1577, -1.5558, 1.5842**.

A 20% lighter version of the original color is **49.0966, 32.0742, 15.6344**, and **14.8331, 25.5811, 8.1976** is the 20% darker color. If you saturate the color by 10%, you get **27.9500, 34.2156, 13.4870**, and if you desaturate by 10%, it is **32.9836, 24.0640, 10.4483**.

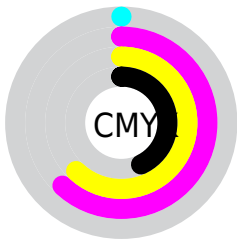
Distribution



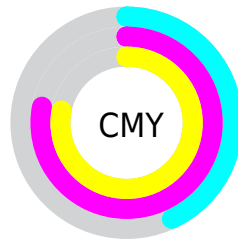
- Red (57%)
- Green (22%)
- Blue (22%)



- Red (57%)
- Yellow (22%)
- Blue (22%)



- Cyan (0%)
- Magenta (62%)
- Yellow (62%)
- Black (43%)



- Cyan (43%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1980, 29.3743, 12.0256 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 30.1980, 29.3743, 12.0256 by changing the saturation by 10% instead.

30.1980, 29.3743,
12.0256

30.1980, 29.3743,
12.0256

135.7455, 38.8401,
27.2737

21.9530, 27.7639,
10.0100

49.1182, 32.2124,
15.7158

14.6344, 26.0678,
8.0355

59.6664, 33.4500,
17.4545

8.2940, 25.0203,
5.8058

70.8772, 34.5772,
19.1483

0.0000, INF, NaN

0.0000, NaN, NaN

82.7136, 35.6028,
20.8093

0.0000, NaN, NaN

95.1442, 36.5352,
22.4465

0.0000, NaN, NaN

108.1417, 37.3814,

0.0000, NaN, NaN

24.0664

0.0000, NaN, NaN

121.6824, 38.1479,
25.6741

■ 30.1980, 29.3743,
12.0256

■ 30.1980, 29.3743,
12.0256

■ 27.9500, 34.2156,
13.4870

■ 32.9836, 24.0640,
10.4483

■ 26.2962, 38.1761,
14.6947

■ 36.2306, 18.6188,
8.8577

■ 25.2581, 40.8686,
15.5218

■ 39.8678, 13.2396,
7.3173

■ 24.7207, 42.3332,
15.9739

■ 43.8320, 8.0290,
5.8570

■ 48.0710, 3.0247,
4.4856

■ 52.5426, -1.7721,
3.2005

■ 57.2134, -6.3776,
1.9939

■ 62.0568, -10.8147,
0.8561

■ 67.0515, -15.1076,
-0.2224

Harmonies

Analogous

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



30.1988, 34.0736, 0.4784



30.1980, 29.3743, 12.0256



30.1988, 15.9249, 17.0815

Triad

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



30.1988, 29.3718, 12.0261



30.1988, -22.7994, 13.1673



30.1988, -2.8051, -42.2755

Complementary

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



30.1980, 29.3743, 12.0256



48.4187, -21.9060, -3.8479

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.



30.1988, -15.8828, -33.2055



30.1980, 29.3743, 12.0256



30.1988, -25.8879, 2.7646

Square

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



30.1988, 29.3718, 12.0261



30.1988, -14.1834, 17.4698



30.1988, -23.6334, -14.6032



30.1988, 13.4235, -35.5010

Rectangle

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



30.1980, 29.3743, 12.0256



30.1988, 4.9767, 18.2526



30.1988, -23.6334, -14.6032



30.1988, -7.6819, -40.9101

Sweetspot

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



30.1988, 29.3718, 12.0261



59.8401, 8.6783, 7.2308



33.0435, 41.6161, -27.7044



27.5571, 4.9079, 3.6354



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248

Same Dimension

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



30.1988, 29.3718, 12.0261



36.1037, 47.8249, 18.6373



39.4935, 8.3947, 19.0564



24.1152, 0.7359, 1.9883



23.1903, 39.7122, 14.9850



2.5658, 4.3928, 1.6579

Inverse Universe

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



48.4187, -21.9060, -3.8479



63.6652, -31.6070, -5.9998



34.7824, -2.5237, -24.9662



25.6168, -3.2709, 0.7535



44.6264, -23.6572, -4.7100



4.9373, -2.6174, -0.5209

Previews

White Background



This preview shows how the HunterLab color 30.1980, 29.3743, 12.0256 looks on a white background.

Color Contrast Check

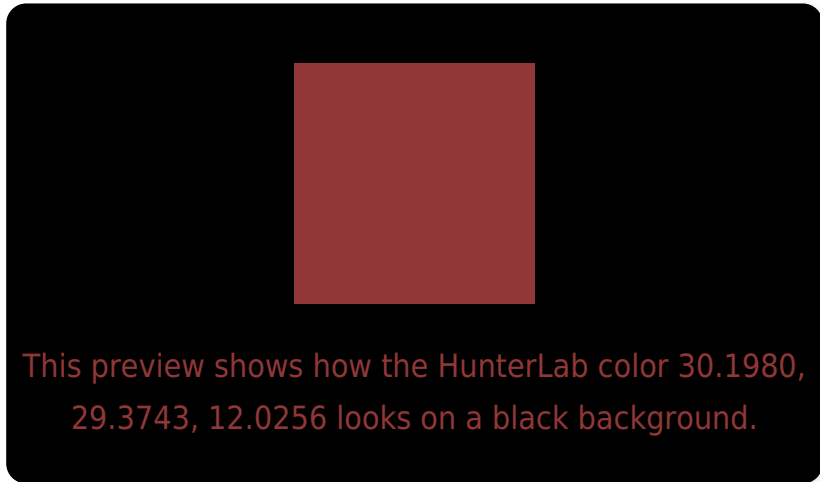
Large Text (above 18pt) WCAG AA ✓ Pass

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

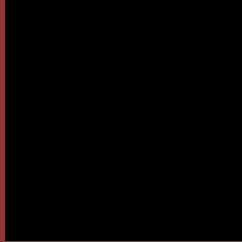
Any Text WCAG AA × Fail

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 30.1980, 29.3743, 12.0256 Background



This preview shows how black text looks on a background with the HunterLab color 30.1980, 29.3743, 12.0256.



This preview shows how white text looks on a background with the HunterLab color 30.1980, 29.3743,

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

30.1980, 29.3743, 12.0256

Protanopia

30.5749, -2.2193, 8.1962

Deuteranopia

30.4436, 1.9484, 12.9164



Tritanopia

30.2471, 29.5926, 11.3096

Trichromacy



Original Color

30.1980, 29.3743, 12.0256

Protanomaly

29.7250, 8.6043, 9.0871

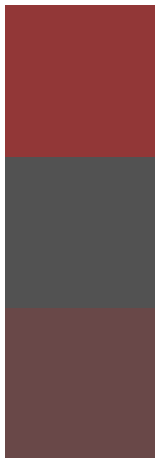
Deuteranomaly

29.7922, 11.8705, 12.1001

Tritanomaly

30.2304, 29.5184, 11.5527

Monochromacy



Original Color

30.1980, 29.3743, 12.0256

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

28.4708, 8.5632, 4.9260

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1980, 29.3743, 12.0256 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(146, 55, 55)` looks like.

```
.text, #text, p{  
    color:rgb(146, 55, 55)  
}
```

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(146, 55, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 55, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1980, 29.3743, 12.0256 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(146, 55, 55) }
```


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

```
.border{ border-color:rgb(146, 55, 55) }
```

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

Here you see how a box with a 4 pixel rgb(146, 55, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 55, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 55, 55);  
box-shadow:4px 4px 4px 4px rgb(146, 55,  
55) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.1980, 29.3743, 12.0256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 55, 55) }
```

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

```
.background{ background-color: rgb(146, 55,  
55) }
```

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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