

Converting Colors

HunterLab(30.8804, 53.8930,
12.1295)

Have a look what the booklet for
HunterLab(30.8804, 53.8930,
12.1295) contains.

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Color

**HunterLab(30.8964, 53.9330,
12.0422)**

Conversions

Conversions Part 1

Format	Color
Hex	B0003B
RGB	176, 0, 59
RGB Percent	69%, 0%, 23%
CMY	0.3098, 0.9999, 0.7686
CMYK	0.00, 1.00, 0.66, 0.31
HSL	340°, 100%, 35%
HSV	340°, 100%, 69%
XYZ	18.6939, 9.5459, 4.9950
YIQ	59.3500, 85.9570, 55.6610

Conversions

Conversions Part 2

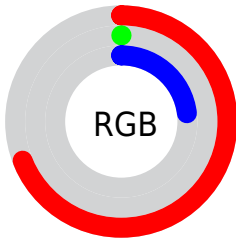
Format	Color
R_{YB}	176, 0, 59
Decimal	11534395
CIE _{Lab}	37.02, 62.26, 19.81
CIE _{LCh}	37, 65.335, 17.650
Yxy	9.5465, 0.5625, 0.2872
Android (android.graphics.Color)	4289724475 (0xFFB0003B)
YUV	59.3500, -0.1725, 102.3021
Hunter-Lab	30.8964, 53.9330, 12.0422

Details

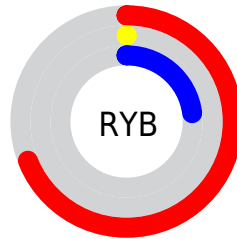
The HunterLab color **30.8964, 53.9330, 12.0422** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **56.8645, -40.6928, 16.7704**, and the grayscale version is **21.0187, -1.1215, 1.1420**.

A 20% lighter version of the original color is **49.9551, 58.1159, 15.6158**, and **19.2055, 33.1174, 10.6474** is the 20% darker color. If you saturate the color by 10%, you get **30.8960, 53.9316, 12.0469**, and if you desaturate by 10%, it is **31.7835, 52.4475, 9.4759**.

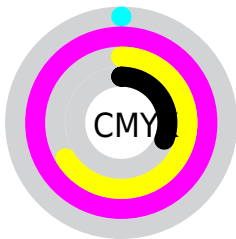
Distribution



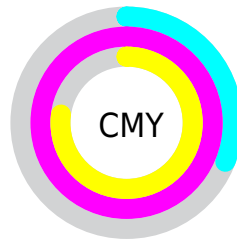
- Red (69%)
- Green (0%)
- Blue (23%)



- Red (69%)
- Yellow (0%)
- Blue (23%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (31%)



- Cyan (31%)
- Magenta (100%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.8964, 53.9330, 12.0422 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 30.8964, 53.9330, 12.0422 by changing the saturation by 10% instead.

30.8964, 53.9330,
12.0422

30.8964, 53.9330,
12.0422

136.8955, 70.4067,
27.0865

22.5816, 51.7980,
10.0684

49.9389, 58.2179,
15.6685

15.1844, 49.9504,
8.0282

60.5417, 60.2512,
17.3813

8.8130, 49.4084,
6.1691

71.8040, 62.1865,
19.0519

0.0000, INF, NaN

0.0000, INF, NaN

83.6891, 64.0211,
20.6919

0.0000, NaN, NaN

96.1661, 65.7566,
22.3097

0.0000, NaN, NaN

109.2080, 67.3964,

0.0000, NaN, NaN

23.9117

0.0000, NaN, NaN

122.7914, 68.9450,
25.5027

■ 30.8964, 53.9330,
12.0422

■ 30.8964, 53.9330,
12.0422

■ 30.8960, 53.9316,
12.0469

■ 31.7835, 52.4475,
9.4759

■ 33.2582, 49.4120,
6.9836

■ 35.4554, 44.6588,
4.8790

■ 38.3418, 38.6423,
3.2978

■ 41.8459, 31.8648,
2.2744

■ 45.8831, 24.7312,
1.7729

■ 50.3721, 17.5096,
1.7246

■ 55.2420, 10.3522,
2.0541

■ 60.4338, 3.3315,
2.6924

Harmonies

Analogous

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



30.8974, 55.6812, -8.9357



30.8964, 53.9330, 12.0422



30.8974, 34.8472, 19.5341

Triad

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



30.8974, 53.9292, 12.0429



30.8974, -28.3528, 18.8479



30.8974, -10.6906, -76.0640

Complementary

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



30.8964, 53.9330, 12.0422



56.8645, -40.6928, 16.7704

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.



30.8974, -26.4801, -49.5671



30.8964, 53.9330, 12.0422



30.8974, -34.4472, 9.5025

Square

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



30.8974, 53.9292, 12.0429



30.8974, -14.1356, 21.4188



30.8974, -33.8829, -14.3006



30.8974, 13.1988, -73.1409

Rectangle

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



30.8964, 53.9330, 12.0422



30.8974, 17.3732, 21.1730



30.8974, -33.8829, -14.3006



30.8974, -16.9561, -69.7913

Sweetspot

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



30.8974, 53.9292, 12.0429



67.4960, 24.1071, 2.3122



25.9619, 56.5275, -76.8149



30.2387, 13.0833, 1.0630



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



30.8974, 53.9292, 12.0429



41.5631, 72.4642, 16.8878



31.6036, 47.9601, 20.3120



29.2416, 1.3851, 1.3198



26.4835, 46.2653, 10.0464



4.8147, 8.6343, 0.0961

Inverse Universe

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



30.8974, 53.9292, 12.0429



41.5631, 72.4642, 16.8878



49.8210, -20.2593, -18.5358



29.2416, 1.3851, 1.3198



26.4835, 46.2653, 10.0464



4.8147, 8.6343, 0.0961

Previews

White Background



This preview shows how the HunterLab color 30.8964, 53.9330, 12.0422 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 30.8964, 53.9330, 12.0422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

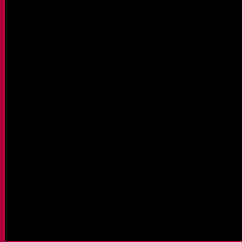
Any Text WCAG AA × Fail

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 30.8964, 53.9330, 12.0422 Background



This preview shows how black text looks on a background with the HunterLab color 30.8964, 53.9330, 12.0422.



This preview shows how white text looks on a background with the HunterLab color 30.8964, 53.9330,

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

30.8964, 53.9330, 12.0422

Protanopia

32.0558, -1.5824, 3.0476

Deuteranopia

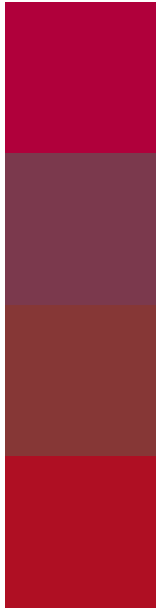
31.9524, 1.9348, 13.9112



Tritanopia

31.3391, 48.4846, 18.8176

Trichromacy



Original Color

30.8964, 53.9330, 12.0422

Protanomaly

27.7002, 22.2220, 2.4296

Deuteranomaly

28.4026, 24.8538, 10.6512

Tritanomaly

30.9467, 50.5519, 16.9077

Monochromacy



Original Color

30.8964, 53.9330, 12.0422

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

21.2762, 21.1755, 1.9507

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.8964, 53.9330, 12.0422 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(176, 0, 59)` looks like.

```
.text, #text, p{  
    color:rgb(176, 0, 59)  
}
```

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(176, 0, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 0, 59) }
```

Border

The CSS property to change the border of an element to HunterLab 30.8964, 53.9330, 12.0422 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(176, 0, 59) }
```


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

```
.border{ border-color:rgb(176, 0, 59) }
```

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

Here you see how a box with a 4 pixel rgb(176, 0, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 0, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 0, 59);  
box-shadow:4px 4px 4px 4px rgb(176, 0, 59)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.8964, 53.9330, 12.0422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 0, 59) }
```

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

```
.background{ background-color: rgb(176, 0,  
59) }
```

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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