

Converting Colors

HunterLab(29.5487, 30.3049,
12.1321)

Have a look what the booklet for
HunterLab(29.5487, 30.3049,
12.1321) contains.

HunterLab(29.5358, 30.0500, 12.2043)	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(29.5358, 30.0500,
12.2043)**

Conversions

Conversions Part 1

Format	Color
Hex	913434
RGB	145, 52, 52
RGB Percent	57%, 20%, 20%
CMY	0.4314, 0.7961, 0.7961
CMYK	0.00, 0.64, 0.64, 0.43
HSL	0°, 47%, 39%
HSV	0°, 64%, 57%
XYZ	13.5249, 8.7236, 4.2198
YIQ	79.8070, 55.4280, 19.7160

Conversions

Conversions Part 2

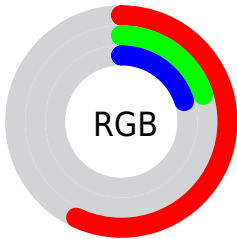
Format	Color
R_{YB}	145, 52, 52
Decimal	9516084
CIE Lab	35.45, 39.28, 21.02
CIE LCh	35, 44.551, 28.152
Yxy	8.7241, 0.5110, 0.3296
Android (android.graphics.Color)	4287706164 (0xFF913434)
YUV	79.8070, -13.7089, 57.1743
Hunter-Lab	29.5358, 30.0500, 12.2043

Details

The HunterLab color **29.5358, 30.0500, 12.2043** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **47.9827, -22.0247, -3.9194**, and the grayscale version is **28.2881, -1.5094, 1.5369**.

A 20% lighter version of the original color is **48.2679, 32.8760, 15.8180**, and **14.6335, 25.1800, 8.5271** is the 20% darker color. If you saturate the color by 10%, you get **27.4068, 34.7287, 13.6198**, and if you desaturate by 10%, it is **32.2097, 24.8371, 10.6516**.

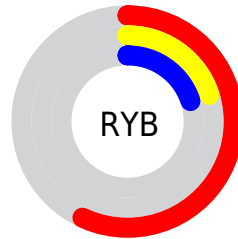
Distribution



Red (57%)

Green (20%)

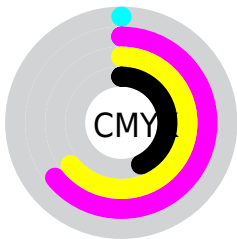
Blue (20%)



Red (57%)

Yellow (20%)

Blue (20%)

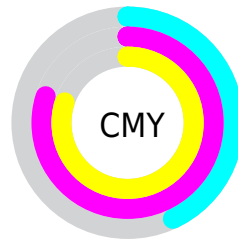


Cyan (0%)

Magenta (64%)

Yellow (64%)

Black (43%)



Cyan (43%)

Magenta (80%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.5358, 30.0500, 12.2043 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 29.5358, 30.0500, 12.2043 by changing the saturation by 10% instead.

■ 29.5358, 30.0500,
12.2043

■ 29.5358, 30.0500,
12.2043

■ 134.6500, 39.8690,
27.9245

■ 21.3581, 28.4016,
10.1017

■ 48.3387, 32.9727,
16.0350

■ 14.1154, 26.6819,
8.2323

■ 58.8343, 34.2522,
17.8328

■ 7.7659, 26.3589,
5.4361

■ 69.9957, 35.4202,
19.5804

0.0000, INF, NaN

0.0000, NaN, NaN

■ 81.7854, 36.4855,
21.2911

0.0000, NaN, NaN

■ 94.1714, 37.4562,
22.9744

0.0000, NaN, NaN

■ 107.1264, 38.3395,

0.0000, NaN, NaN

24.6376

0.0000, NaN, NaN

120.6263, 39.1419,
26.2862

■ 29.5358, 30.0500,
12.2043

■ 29.5358, 30.0500,
12.2043

■ 27.4068, 34.7287,
13.6198

■ 32.2097, 24.8371,
10.6516

■ 25.8740, 38.4595,
14.7592

■ 35.3542, 19.4421,
9.0705

■ 24.9460, 40.8926,
15.5073

■ 38.8978, 14.0849,
7.5307

■ 24.5355, 42.0158,
15.8542

■ 42.7759, 8.8824,
6.0668

■ 46.9350, 3.8810,
4.6906

■ 51.3314, -0.9133,
3.4010

■ 55.9308, -5.5142,
2.1907

■ 60.7055, -9.9439,
1.0504

■ 65.6338, -14.2263,
-0.0294

Harmonies

Analogous

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



29.5366, 35.0764, 0.6662



29.5358, 30.0500, 12.2043



29.5366, 16.1084, 17.0816

Triad

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



29.5366, 30.0475, 12.2048



29.5366, -23.1040, 13.1052



29.5366, -2.5452, -43.9355

Complementary

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



29.5358, 30.0500, 12.2043



47.9827, -22.0247, -3.9194

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.



29.5366, -15.8847, -34.6909



29.5358, 30.0500, 12.2043



29.5366, -26.1087, 2.5193

Square

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



29.5366, 30.0475, 12.2048



29.5366, -14.5195, 17.3777



29.5366, -23.7686, -15.4139



29.5366, 14.0658, -36.5980

Rectangle

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



29.5358, 30.0500, 12.2043



29.5366, 4.8827, 18.1693



29.5366, -23.7686, -15.4139



29.5366, -7.5263, -42.5977

Sweetspot

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



29.5366, 30.0475, 12.2048



59.8401, 8.6783, 7.2308



32.4346, 42.3872, -28.2398



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.



29.5366, 30.0475, 12.2048



35.6588, 48.8963, 18.9643



38.8547, 8.7773, 19.1382



23.2898, 0.6985, 1.9161



22.7234, 38.9126, 14.6833



2.2220, 3.8042, 1.4358

Inverse Universe

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



47.9827, -22.0247, -3.9194



63.5973, -31.8725, -6.0941



34.0641, -2.2768, -25.6752



24.7311, -3.1476, 0.7308



43.7278, -23.1807, -4.6153



4.2758, -2.2667, -0.4511

Previews

White Background



This preview shows how the HunterLab color 29.5358, 30.0500, 12.2043 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

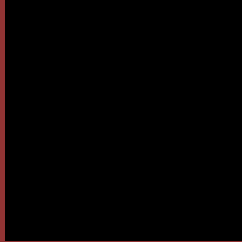
Any Text WCAG AA × Fail

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 29.5358, 30.0500, 12.2043 Background



This preview shows how black text looks on a background with the HunterLab color 29.5358, 30.0500, 12.2043.

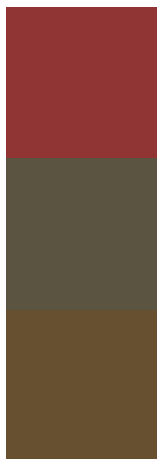


This preview shows how white text looks on a background with the HunterLab color 29.5358, 30.0500,

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

29.5358, 30.0500, 12.2043

Protanopia

29.8261, -2.2779, 8.3975

Deuteranopia

29.7088, 1.9359, 12.9732



Tritanopia

29.5830, 30.2579, 11.5146

Trichromacy



Original Color

29.5358, 30.0500, 12.2043

Protanomaly

28.7680, 8.9950, 9.0736

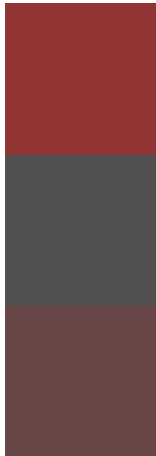
Deuteranomaly

29.0751, 11.8358, 12.1978

Tritanomaly

29.5670, 30.1872, 11.7490

Monochromacy



Original Color

29.5358, 30.0500, 12.2043

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

27.8668, 8.9117, 4.9992

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.5358, 30.0500, 12.2043 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(145, 52, 52)` looks like.

```
.text, #text, p{  
    color:rgb(145, 52, 52)  
}
```

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(145, 52, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 52, 52) }
```

Border

The CSS property to change the border of an element to HunterLab 29.5358, 30.0500, 12.2043 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(145, 52, 52) }
```


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

```
.border{ border-color:rgb(145, 52, 52) }
```

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

Here you see how a box with a 4 pixel rgb(145, 52, 52) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 52, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 52, 52);  
box-shadow:4px 4px 4px 4px rgb(145, 52,  
52) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.5358, 30.0500, 12.2043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 52, 52) }
```

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

```
.background{ background-color: rgb(145, 52,  
52) }
```

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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