

Converting Colors

HunterLab(30.0621, 32.9548,
17.3886)

Have a look what the booklet for
HunterLab(30.0621, 32.9548,
17.3886) contains.

HunterLab(30.0581, 32.9131, 17.3933)	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(30.0581, 32.9131,
17.3933)**

Conversions

Conversions Part 1

Format	Color
Hex	993118
RGB	153, 49, 24
RGB Percent	60%, 19%, 9%
CMY	0.4000, 0.8078, 0.9059
CMYK	0.00, 0.68, 0.84, 0.40
HSL	12°, 73%, 35%
HSV	12°, 84%, 60%
XYZ	14.4001, 9.0349, 1.8491
YIQ	77.2460, 70.0090, 14.2730

Conversions

Conversions Part 2

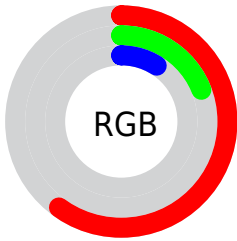
Format	Color
RYB	153, 55, 24
Decimal	10039576
CIELab	36.05, 42.19, 38.34
CIELCh	36, 57.004, 42.262
Yxy	9.0354, 0.5695, 0.3573
Android (android.graphics.Color)	4288229656 (0xFF993118)
YUV	77.2460, -26.2503, 66.4363
Hunter-Lab	30.0581, 32.9131, 17.3933

Details

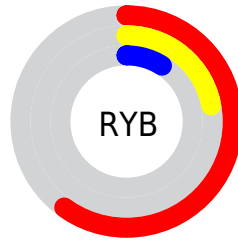
The HunterLab color **30.0581, 32.9131, 17.3933** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **42.3447, -15.7419, -16.3798**, and the grayscale version is **27.4053, -1.4623, 1.4890**.

A 20% lighter version of the original color is **49.0364, 36.0976, 23.8420**, and **15.4262, 26.4179, 9.9681** is the 20% darker color. If you saturate the color by 10%, you get **28.4503, 37.0197, 17.6583**, and if you desaturate by 10%, it is **32.0855, 28.3843, 16.6724**.

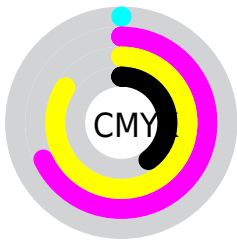
Distribution



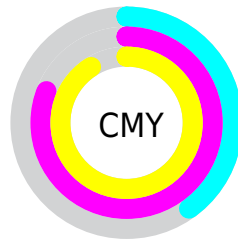
- Red (60%)
- Green (19%)
- Blue (9%)



- Red (60%)
- Yellow (22%)
- Blue (9%)



- Cyan (0%)
- Magenta (68%)
- Yellow (84%)
- Black (40%)



- Cyan (40%)
- Magenta (81%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.0581, 32.9131, 17.3933 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 30.0581, 32.9131, 17.3933 by changing the saturation by 10% instead.

30.0581, 32.9131,
17.3933

30.0581, 32.9131,
17.3933

135.5145, 43.6348,
42.3624

21.8273, 31.1761,
14.0292

48.9537, 36.0370,
23.8222

14.5246, 29.3933,
10.1672

59.4908, 37.4204,
26.7637

8.1856, 28.5367,
5.7299

70.6913, 38.6920,
29.5729

0.0000, INF, NaN

0.0000, NaN, NaN

82.5178, 39.8596,
32.2759

0.0000, NaN, NaN

94.9390, 40.9310,
34.8925


0.0000, NaN, NaN


107.9276, 41.9133,


0.0000, NaN, NaN


37.4381

0.0000, NaN, NaN


 121.4598, 42.8127,
39.9248


 30.0581, 32.9131,
17.3933


 30.0581, 32.9131,
17.3933


 28.4503, 37.0197,
17.6583


 32.0855, 28.3843,
16.6724

 27.7193, 39.0204,
17.7636

 34.4943, 23.6937,
15.5433

 37.2428, 19.0247,
14.0835

 40.2878, 14.4948,
12.3694

 43.5898, 10.1659,
10.4653

■ 47.1141, 6.0613,
8.4209

■ 50.8313, 2.1807,
6.2726

■ 54.7170, -1.4891,
4.0461

■ 58.7509, -4.9672,
1.7597

Harmonies

Analogous

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



30.0590, 46.5895, 8.4776



30.0581, 32.9131, 17.3933



30.0590, 11.1775, 19.9566

Triad

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



30.0590, 32.9102, 17.3937



30.0590, -30.3919, 10.8623



30.0590, 7.1034, -61.5644

Complementary

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



30.0581, 32.9131, 17.3933



42.3447, -15.7419, -16.3798

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.



30.0590, -12.5551, -59.1859



30.0581, 32.9131, 17.3933



30.0590, -30.9396, -7.3240

Square

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



30.0590, 32.9102, 17.3937



30.0590, -23.5346, 18.1536



30.0590, -25.3028, -35.3666



30.0590, 29.2571, -40.6093

Rectangle

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



30.0581, 32.9131, 17.3933



30.0590, -3.1243, 20.3242



30.0590, -25.3028, -35.3666



30.0590, -0.0559, -63.7229

Sweetspot

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



30.0590, 32.9102, 17.3937



62.4791, 8.7444, 11.6004



30.0331, 51.1503, -21.8403



28.6388, 4.9269, 5.8690



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



30.0590, 32.9102, 17.3937



36.8110, 53.1115, 23.6126



42.9647, 4.2155, 25.3559



25.3120, 0.1383, 2.4686



25.2778, 35.2318, 16.1928



3.7058, 2.6254, 2.3295

Inverse Universe

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



42.3447, -15.7419, -16.3798



54.2032, -19.3509, -25.9762



25.0151, 13.3674, -55.7811



26.1208, -2.7771, 0.3193



37.0474, -13.4512, -17.2688



5.0154, -2.2780, -1.3514

Previews

White Background



This preview shows how the HunterLab color 30.0581, 32.9131, 17.3933 looks on a white background.

Color Contrast Check

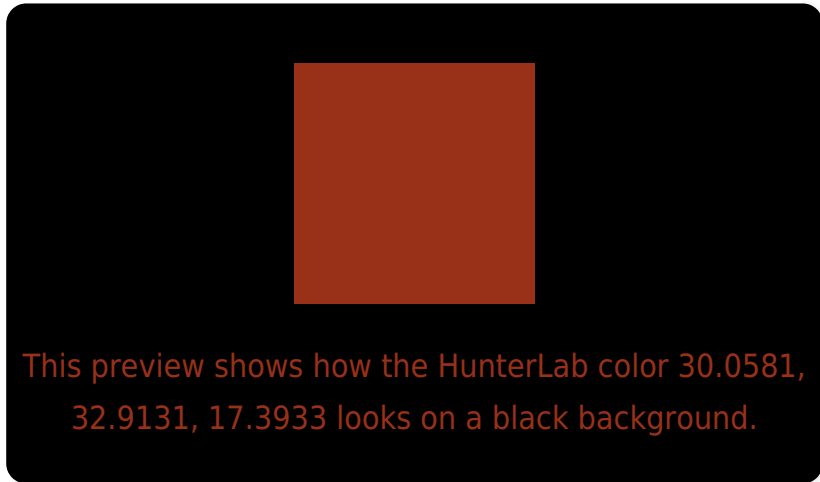
Large Text (above 18pt) WCAG AA ✓ Pass

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

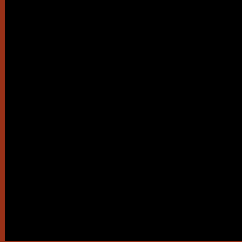
Any Text WCAG AA × Fail

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 30.0581, 32.9131, 17.3933 Background



This preview shows how black text looks on a background with the HunterLab color 30.0581, 32.9131, 17.3933.



This preview shows how white text looks on a background with the HunterLab color 30.0581, 32.9131,

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

30.0581, 32.9131, 17.3933

Protanopia

30.4174, -3.7827, 15.8722

Deuteranopia

30.2585, 1.9004, 18.1720



Tritanopia

30.0762, 35.5467, 13.4270

Trichromacy



Original Color

30.0581, 32.9131, 17.3933

Protanomaly

29.3951, 8.9975, 15.7932

Deuteranomaly

29.4074, 13.2717, 17.5154

Tritanomaly

30.0936, 34.6830, 15.1956

Monochromacy



Original Color

30.0581, 32.9131, 17.3933

Achromatopsia

27.2422, -1.4536, 1.4801

Achromatomaly

27.0611, 9.3475, 8.0682

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0581, 32.9131, 17.3933 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(153, 49, 24)` looks like.

```
.text, #text, p{  
    color:rgb(153, 49, 24)  
}
```

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(153, 49, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 49, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0581, 32.9131, 17.3933 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(153, 49, 24) }
```


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

```
.border{ border-color:rgb(153, 49, 24) }
```

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

Here you see how a box with a 4 pixel rgb(153, 49, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 49, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 49, 24);  
box-shadow:4px 4px 4px 4px rgb(153, 49,  
24) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.0581, 32.9131, 17.3933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 49, 24) }
```

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

```
.background{ background-color: rgb(153, 49,  
24) }
```

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