

Converting Colors

HunterLab(30.3805, 52.0456,
19.4915)

Have a look what the booklet for
HunterLab(30.3805, 52.0456,
19.4915) contains.

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Color

**HunterLab(30.3883, 52.0553,
19.5244)**

Conversions

Conversions Part 1

Format	Color
Hex	B00002
RGB	176, 0, 2
RGB Percent	69%, 0%, 1%
CMY	0.3098, 0.9999, 0.9922
CMYK	0.00, 1.00, 0.99, 0.31
HSL	359°, 100%, 35%
HSV	359°, 100%, 69%
XYZ	17.9154, 9.2345, 0.8956
YIQ	52.8520, 104.2540, 37.9340

Conversions

Conversions Part 2

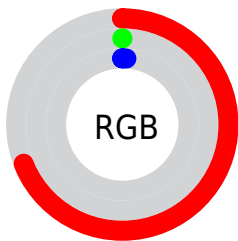
Format	Color
RYB	176, 0, 2
Decimal	11534338
CIELab	36.43, 60.68, 50.00
CIELCh	36, 78.627, 39.491
Yxy	9.2351, 0.6388, 0.3293
Android (android.graphics.Color)	4289724418 (0xFFB00002)
YUV	52.8520, -25.0700, 108.0008
Hunter-Lab	30.3883, 52.0553, 19.5244

Details

The HunterLab color **30.3883, 52.0553, 19.5244** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **58.4019, -31.3908, -5.2315**, and the grayscale version is **18.8812, -1.0075, 1.0259**.

A 20% lighter version of the original color is **49.2068, 56.2953, 27.5328**, and **18.7369, 32.0875, 12.1073** is the 20% darker color. If you saturate the color by 10%, you get **30.3881, 52.0547, 19.5259**, and if you desaturate by 10%, it is **31.1435, 50.0176, 18.8586**.

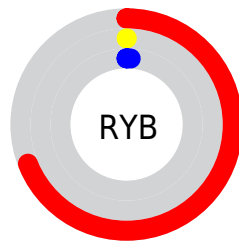
Distribution



Red (69%)

Green (0%)

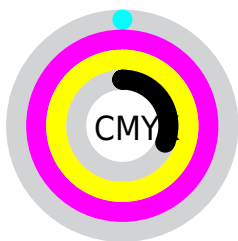
Blue (1%)



Red (69%)

Yellow (0%)

Blue (1%)

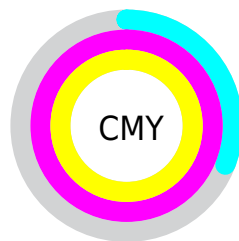


Cyan (0%)

Magenta (100%)

Yellow (99%)

Black (31%)



Cyan (31%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3883, 52.0553, 19.5244 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 30.3883, 52.0553, 19.5244 by changing the saturation by 10% instead.

■ 30.3883, 52.0553,
19.5244

■ 30.3883, 52.0553,
19.5244

■ 136.0596, 68.1646,
50.8774

■ 22.1243, 49.9405,
15.4870

■ 49.3421, 56.2741,
27.6728

■ 14.7841, 48.0982,
10.3489

■ 59.9053, 58.2679,
31.4024

■ 8.4391, 47.9157,
5.9073

■ 71.1302, 60.1616,
34.9517

0.0000, INF, NaN

0.0000, INF, NaN

■ 82.9799, 61.9534,
38.3512

0.0000, NaN, NaN

■ 95.4232, 63.6454,
41.6255


0.0000, NaN, NaN


■ 108.4329, 65.2415,


0.0000, NaN, NaN


44.7945


0.0000, NaN, NaN


 121.9853, 66.7464,
47.8741

 30.3883, 52.0553,
19.5244


 30.3883, 52.0553,
19.5244


 30.3881, 52.0547,
19.5259

 31.1435, 50.0176,
18.8586

 32.5240, 46.4988,
17.6935

 34.6831, 41.4160,
16.0863

 37.5863, 35.2779,
14.2113

 41.1534, 28.6116,
12.2382

■ 45.2896, 21.8129,
10.2886

■ 49.9038, 15.1198,
8.4303

■ 54.9178, 8.6472,
6.6914

■ 60.2670, 2.4331,
5.0764

Harmonies

Analogous

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



30.3893, 71.7464, 8.9423



30.3883, 52.0553, 19.5244



30.3893, 19.6210, 21.2725

Triad

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



30.3893, 52.0513, 19.5249



30.3893, -37.3845, 14.6786



30.3893, 7.7689, -104.5300

Complementary

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



30.3883, 52.0553, 19.5244



58.4019, -31.3908, -5.2315

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.



30.3893, -18.2714, -95.9528



30.3883, 52.0553, 19.5244



30.3893, -38.5689, -8.0551

Square

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



30.3893, 52.0513, 19.5249



30.3893, -28.8317, 20.9809



30.3893, -32.9989, -52.2265



30.3893, 40.7286, -70.2971

Rectangle

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



30.3883, 52.0553, 19.5244



30.3893, -1.1438, 21.2725



30.3893, -32.9989, -52.2265



30.3893, -2.0995, -106.9571

Sweetspot

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



30.3893, 52.0513, 19.5249



66.8551, 20.8449, 11.4852



34.6801, 68.4239, -47.6536



29.9067, 11.4175, 5.8187



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.



30.3893, 52.0513, 19.5249



40.9219, 70.0937, 26.3361



39.6738, 25.7716, 24.8966



29.1663, 0.9800, 2.3935



26.0309, 44.5931, 16.7088



4.6229, 7.9304, 2.8823

Inverse Universe

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



30.3893, 52.0513, 19.5249



40.9219, 70.0937, 26.3361



32.5700, 6.4308, -54.5884



29.1663, 0.9800, 2.3935



26.0309, 44.5931, 16.7088



4.6229, 7.9304, 2.8823

Previews

White Background



This preview shows how the HunterLab color 30.3883, 52.0553, 19.5244 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 30.3883, 52.0553, 19.5244 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 30.3883, 52.0553, 19.5244 Background



This preview shows how black text looks on a background with the HunterLab color 30.3883, 52.0553, 19.5244.



This preview shows how white text looks on a background with the HunterLab color 30.3883, 52.0553,

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

30.3883, 52.0553, 19.5244

Protanopia

31.4896, -4.1888, 17.8042

Deuteranopia

31.2816, 1.4773, 19.3014



Tritanopia

30.7970, 49.6482, 19.8461

Trichromacy



Original Color

30.3883, 52.0553, 19.5244

Protanomaly

27.4772, 19.8107, 16.3029

Deuteranomaly

27.7476, 23.9431, 17.4557

Tritanomaly

30.5503, 50.4994, 19.6533

Monochromacy



Original Color

30.3883, 52.0553, 19.5244

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.6373, 19.2447, 7.8680

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3883, 52.0553, 19.5244 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, 2)` looks like.

```
.text, #text, p{  
    color:rgb(176, 0, 2)  
}
```

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, 2) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 30.3883, 52.0553, 19.5244 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, 2) }
```


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

```
.border{ border-color:rgb(176, 0, 2) }
```

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, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(176, 0, 2); box-shadow:4px  
4px 4px 4px rgb(176, 0, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.3883, 52.0553, 19.5244 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, 2) }
```

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

```
.background{ background-color: rgb(176, 0,  
2) }
```

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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