

Converting Colors

HunterLab(30.9256, 53.0030,
19.6583)

Have a look what the booklet for
HunterLab(30.9256, 53.0030,
19.6583) contains.

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Color

**HunterLab(30.9788, 53.0946,
19.6887)**

Conversions

Conversions Part 1

Format	Color
Hex	B30006
RGB	179, 0, 6
RGB Percent	70%, 0%, 2%
CMY	0.2980, 0.9999, 0.9765
CMYK	0.00, 1.00, 0.97, 0.30
HSL	358°, 100%, 35%
HSV	358°, 100%, 70%
XYZ	18.6233, 9.5969, 1.0431
YIQ	54.2050, 104.7580, 39.8140

Conversions

Conversions Part 2

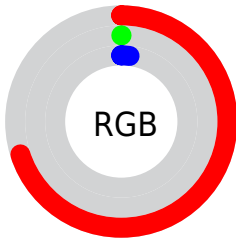
Format	Color
R_{YB}	179, 0, 6
Decimal	11730950
CIE Lab	37.11, 61.49, 49.09
CIE LCh	37, 78.679, 38.603
Yxy	9.5975, 0.6364, 0.3280
Android (android.graphics.Color)	4289921030 (0xFFB30006)
YUV	54.2050, -23.7651, 109.4452
Hunter-Lab	30.9788, 53.0946, 19.6887

Details

The HunterLab color **30.9788, 53.0946, 19.6887** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **59.3788, -32.7697, -3.4760**, and the grayscale version is **19.3351, -1.0317, 1.0505**.

A 20% lighter version of the original color is **50.0913, 57.6240, 27.7439**, and **19.2692, 32.9990, 12.4513** is the 20% darker color. If you saturate the color by 10%, you get **30.9786, 53.0940, 19.6902**, and if you desaturate by 10%, it is **31.7445, 51.0776, 18.9110**.

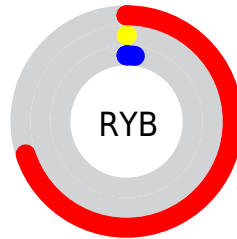
Distribution



Red (70%)

Green (0%)

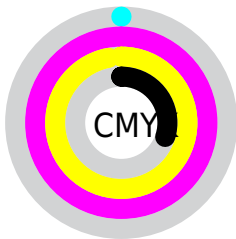
Blue (2%)



Red (70%)

Yellow (0%)

Blue (2%)

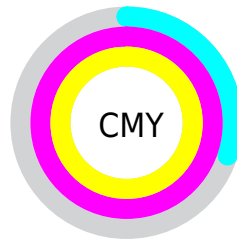


Cyan (0%)

Magenta (100%)

Yellow (97%)

Black (30%)



Cyan (30%)


Magenta (100%)


Yellow (98%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 30.9788, 53.0946, 19.6887 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 30.9788, 53.0946, 19.6887 by changing the saturation by 10% instead.

 30.9788, 53.0946,
19.6887


 30.9788, 53.0946,
19.6887


 137.0309, 69.3619,
50.4507


 22.6559, 50.9650,
15.8591

 50.0356, 57.3434,
27.6730

 15.2494, 49.1009,
10.6746


 60.6448, 59.3539,
31.3275

 8.8720, 48.4361,
6.2104


 71.9131, 61.2651,
34.8074

0.0000, INF, NaN

0.0000, INF, NaN

 83.8040, 63.0751,
38.1426

0.0000, NaN, NaN

 96.2864, 64.7857,
41.3571


0.0000, NaN, NaN


 109.3336, 66.4007,


0.0000, NaN, NaN

44.4701


0.0000, NaN, NaN


 122.9220, 67.9246,
47.4971

 30.9788, 53.0946,
19.6887


 30.9788, 53.0946,
19.6887


 30.9786, 53.0940,
19.6902

 31.7445, 51.0776,
18.9110

 33.1551, 47.5519,
17.5750

 35.3577, 42.4162,
15.8374

 38.3169, 36.1840,
13.8847

 41.9511, 29.3913,
11.8869

■ 46.1640, 22.4438,
9.9590

■ 50.8630, 15.5869,
8.1606

■ 55.9686, 8.9412,
6.5121

■ 61.4152, 2.5483,
5.0113

Harmonies

Analogous

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



30.9798, 72.2011, 8.4495



30.9788, 53.0946, 19.6887



30.9798, 20.6991, 21.6859

Triad

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



30.9798, 53.0905, 19.6892



30.9798, -37.6885, 15.2144



30.9798, 6.8762, -104.8548

Complementary

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



30.9788, 53.0946, 19.6887



59.3788, -32.7697, -3.4760

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.



30.9798, -19.0503, -94.9542



30.9788, 53.0946, 19.6887



30.9798, -39.0920, -7.0593

Square

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



30.9798, 53.0905, 19.6892



30.9798, -28.7349, 21.3519



30.9798, -33.6493, -50.8039



30.9798, 39.9272, -71.7090

Rectangle

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



30.9788, 53.0946, 19.6887



30.9798, -0.3226, 21.6859



30.9798, -33.6493, -50.8039



30.9798, -2.9646, -106.7967

Sweetspot

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



30.9798, 53.0905, 19.6892



67.7245, 21.3349, 11.0425



34.3614, 68.3113, -51.2182



30.6156, 11.8319, 5.6607



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



30.9798, 53.0905, 19.6892



41.4501, 71.0255, 26.4669



39.2485, 29.0996, 24.6928



29.1714, 1.0073, 2.3213



26.0451, 44.6460, 16.4969



4.6363, 7.9799, 2.6842

Inverse Universe

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



30.9798, 53.0905, 19.6892



41.4501, 71.0255, 26.4669



34.7524, 3.6352, -51.2815



29.1714, 1.0073, 2.3213



26.0451, 44.6460, 16.4969



4.6363, 7.9799, 2.6842

Previews

White Background



This preview shows how the HunterLab color 30.9788, 53.0946, 19.6887 looks on a white background.

Color Contrast Check

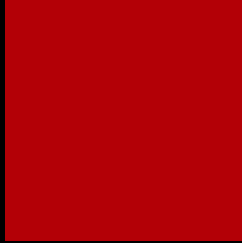
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.9788, 53.0946, 19.6887 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 30.9788, 53.0946, 19.6887 Background



This preview shows how black text looks on a background with the HunterLab color 30.9788, 53.0946, 19.6887.



This preview shows how white text looks on a background with the HunterLab color 30.9788, 53.0946, 19.6887.

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

30.9788, 53.0946, 19.6887

Protanopia

32.1167, -4.6674, 18.1132

Tritanopia

31.4100, 50.5103, 20.2390

Trichromacy



Original Color

30.9788, 53.0946, 19.6887

Protanomaly

27.8095, 19.8043, 16.3522

Tritanomaly

31.1588, 51.4003, 19.9905

Monochromacy



Original Color

30.9788, 53.0946, 19.6887

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.8249, 19.7934, 7.3281

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.9788, 53.0946, 19.6887 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(179, 0, 6)` looks like.

```
.text, #text, p{  
    color:rgb(179, 0, 6)  
}
```

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(179, 0, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 0, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 30.9788, 53.0946, 19.6887 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(179, 0, 6) }
```

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

```
.border{ border-color:rgb(179, 0, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 0, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 0, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(179, 0, 6); box-shadow:4px  
4px 4px 4px rgb(179, 0, 6) }
```


Background

The CSS property to change the background color of an element to HunterLab 30.9788, 53.0946, 19.6887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 0, 6) }
```

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

```
.background{ background-color: rgb(179, 0,  
6) }
```

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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