

Converting Colors

HunterLab(27.0885, 59.2705,
18.3878)

Have a look what the booklet for
HunterLab(27.0885, 59.2705,
18.3878) contains.

HunterLab(29.6153, 50.7171, 19.1367)	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(29.6153, 50.7171,
19.1367)**

Conversions

Conversions Part 1

Format	Color
Hex	AC0000
RGB	172, 0, 0
RGB Percent	67%, 0%, 0%
CMY	0.3255, 0.9999, 1.0000
CMYK	0.00, 1.00, 1.00, 0.33
HSL	0°, 100%, 34%
HSV	0°, 100%, 67%
XYZ	17.0133, 8.7707, 0.7962
YIQ	51.4280, 102.5120, 36.4640

Conversions

Conversions Part 2

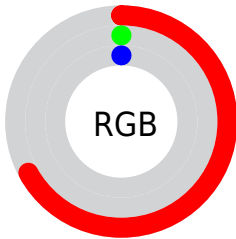
Format	Color
R_{YB}	172, 0, 0
Decimal	11272192
CIE Lab	35.54, 59.63, 49.89
CIE LCh	36, 77.747, 39.915
Yxy	8.7712, 0.6401, 0.3300
Android (android.graphics.Color)	4289462272 (0xFFAC0000)
YUV	51.4280, -25.3540, 105.7416
Hunter-Lab	29.6153, 50.7171, 19.1367

Details

The HunterLab color **29.6153, 50.7171, 19.1367** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **56.9845, -30.2041, -6.0237**, and the grayscale version is **18.4022, -0.9819, 0.9998**.

A 20% lighter version of the original color is **48.3346, 55.0111, 27.1823**, and **18.0311, 30.8788, 11.6513** is the 20% darker color. If you saturate the color by 10%, you get **29.6162, 50.7133, 19.1372**, and if you desaturate by 10%, it is **30.3639, 48.6814, 18.5107**.

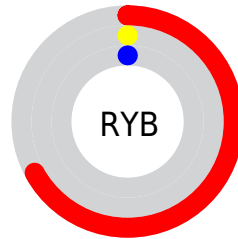
Distribution



Red (67%)

Green (0%)

Blue (0%)



Red (67%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (33%)



Cyan (33%)


Magenta (100%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 29.6153, 50.7171, 19.1367 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 29.6153, 50.7171, 19.1367 by changing the saturation by 10% instead.


 29.6153, 50.7171,
19.1367


 29.6153, 50.7171,
19.1367


 134.7820, 66.6214,
50.5324


 21.4296, 48.6218,
15.0007

 48.4325, 54.8968,
27.2981

 14.1777, 46.8092,
9.9244

 58.9345, 56.8691,
31.0374

 7.8315, 47.7328,
5.4820


 70.1019, 58.7401,
34.5939

0.0000, INF, NaN

0.0000, NaN, NaN

 81.8972, 60.5083,
37.9985

0.0000, NaN, NaN

 94.2886, 62.1762,
41.2764


0.0000, NaN, NaN


 107.2487, 63.7479,


0.0000, NaN, NaN


44.4477


0.0000, NaN, NaN

 120.7536, 65.2280,
47.5286


 29.6153, 50.7171,
19.1367


 29.6153, 50.7171,
19.1367


 29.6162, 50.7133,
19.1372

 30.3639, 48.6814,
18.5107

 31.7125, 45.2111,
17.4462

 33.8189, 40.2308,
15.9301

 36.6492, 34.2385,
14.1265

 40.1253, 27.7462,
12.2016

■ 44.1549, 21.1364,
10.2769

■ 48.6496, 14.6381,
8.4228

■ 53.5332, 8.3611,
6.6707

■ 58.7431, 2.3409,
5.0280

Harmonies

Analogous

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



29.6163, 70.3574, 9.0164



29.6153, 50.7171, 19.1367



29.6163, 18.7995, 20.7314

Triad

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



29.6163, 50.7132, 19.1372



29.6163, -36.6267, 14.1865



29.6163, 8.0596, -102.6654

Complementary

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



29.6153, 50.7171, 19.1367



56.9845, -30.2041, -6.0237

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.



29.6163, -17.6084, -94.8545



29.6153, 50.7171, 19.1367



29.6163, -37.6917, -8.3955

Square

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



29.6163, 50.7132, 19.1372



29.6163, -28.3990, 20.5013



29.6163, -32.1548, -52.0468



29.6163, 40.4373, -68.4857

Rectangle

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



29.6153, 50.7171, 19.1367



29.6163, -1.5032, 20.7314



29.6163, -32.1548, -52.0468



29.6163, -1.6604, -105.2815

Sweetspot

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



29.6163, 50.7132, 19.1372



65.1868, 20.1802, 11.4758



34.2770, 67.3897, -45.2093



29.2131, 11.0576, 5.8181



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



29.6163, 50.7132, 19.1372



39.8900, 68.3075, 25.7759



39.2761, 23.7110, 24.6169



28.3118, 0.9267, 2.3557



25.5487, 43.7474, 16.5089



4.2621, 7.2939, 2.7540

Inverse Universe

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



56.9845, -30.2041, -6.0237



76.7527, -40.6819, -8.1137



31.0389, 7.6425, -55.2937



30.1195, -3.8980, 0.8680



49.1579, -26.0557, -5.1962



8.1995, -4.3464, -0.8661

Previews

White Background



This preview shows how the HunterLab color 29.6153, 50.7171, 19.1367 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 29.6153, 50.7171, 19.1367 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 29.6153, 50.7171, 19.1367 Background



This preview shows how black text looks on a background with the HunterLab color 29.6153, 50.7171, 19.1367.



This preview shows how white text looks on a background with the HunterLab color 29.6153, 50.7171, 19.1367.

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

29.6153, 50.7171, 19.1367

Protanopia

30.6850, -4.3530, 17.3651

Deuteranopia

30.4726, 1.2901, 18.7997



Tritanopia

30.0475, 48.2875, 19.3605

Trichromacy



Original Color

29.6153, 50.7171, 19.1367

Protanomaly

26.5503, 19.1385, 15.7674

Deuteranomaly

27.1321, 23.2008, 17.1249

Tritanomaly

29.7910, 49.1452, 19.2174

Monochromacy



Original Color

29.6153, 50.7171, 19.1367

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.8950, 18.8593, 7.6853

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.6153, 50.7171, 19.1367 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(172, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(172, 0, 0)  
}
```

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(172, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 0, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.6153, 50.7171, 19.1367 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(172, 0, 0) }
```


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

```
.border{ border-color:rgb(172, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(172, 0, 0); box-shadow:4px  
4px 4px 4px rgb(172, 0, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.6153, 50.7171, 19.1367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 0, 0) }
```

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

```
.background{ background-color: rgb(172, 0,  
0) }
```

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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