

Converting Colors

HunterLab(49.1018, -6.1840,
28.3777)

Have a look what the booklet for
HunterLab(49.1018, -6.1840,
28.3777) contains.

HunterLab(49.1051, -6.3721, 28.4095)	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(49.1051, -6.3721,
28.4095)**

Conversions

Conversions Part 1

Format	Color
Hex	988721
RGB	152, 135, 33
RGB Percent	60%, 53%, 13%
CMY	0.4039, 0.4706, 0.8706
CMYK	0.00, 0.11, 0.78, 0.40
HSL	51°, 64%, 36%
HSV	51°, 78%, 60%
XYZ	21.8873, 24.1131, 4.9396
YIQ	128.4550, 42.8740, -28.1180

Conversions

Conversions Part 2

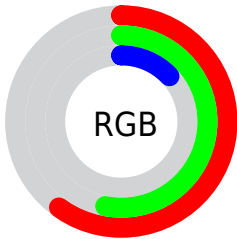
Format	Color
R_{YB}	53, 152, 33
Decimal	9996065
CIE Lab	56.20, -4.74, 53.15
CIE LCh	56, 53.365, 95.099
Yxy	24.1143, 0.4297, 0.4734
Android (android.graphics.Color)	4288186145 (0xFF988721)
YUV	128.4550, -47.0593, 20.6490
Hunter-Lab	49.1051, -6.3721, 28.4095

Details

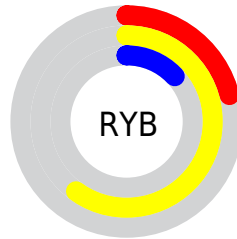
The HunterLab color **49.1051, -6.3721, 28.4095** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **22.0715, 21.5070, -65.8200**, and the grayscale version is **46.8075, -2.4975, 2.5431**.

A 20% lighter version of the original color is **70.8475, -8.1934, 36.1446**, and **30.3265, -4.4679, 18.6088** is the 20% darker color. If you saturate the color by 10%, you get **48.4229, -5.7762, 29.0464**, and if you desaturate by 10%, it is **49.8313, -6.7615, 27.2340**.

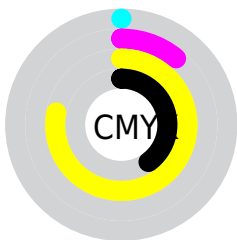
Distribution



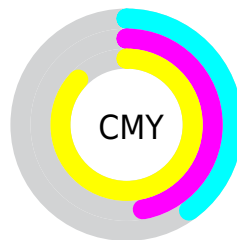
- Red (60%)
- Green (53%)
- Blue (13%)



- Red (21%)
- Yellow (60%)
- Blue (13%)



- Cyan (0%)
- Magenta (11%)
- Yellow (78%)
- Black (40%)



- Cyan (40%)
- Magenta (47%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1051, -6.3721, 28.4095 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 49.1051, -6.3721, 28.4095 by changing the saturation by 10% instead.

■ 49.1051, -6.3721,
28.4095

■ 49.1051, -6.3721,
28.4095

165.3474,
-14.5018, 59.0297

■ 39.2663, -5.5705,
24.2340

■ 70.8637, -8.0381,
36.1127

■ 30.1887, -4.7834,
19.8601

■ 82.6994, -8.9002,
39.7067

■ 21.9438, -4.0088,
15.3607

■ 95.1292, -9.7828,
43.1648

■ 14.6264, -3.2390,
10.2385

■ 108.1261,
-10.6860, 46.5081

■ 8.2861, -2.9367,
5.8003

■ 121.6662,
-11.6096, 49.7535

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.7287,

-12.5536, 52.9148

0.0000, NaN, NaN

150.2947,
-13.5178, 56.0037

0.0000, NaN, NaN

■ 49.1051, -6.3721,
28.4095

■ 49.1051, -6.3721,
28.4095

■ 48.4229, -5.7762,
29.0464

■ 49.8313, -6.7615,
27.2340

■ 47.7735, -5.0124,
29.2573

■ 50.6007, -6.9218,
25.4790

■ 47.6634, -4.8776,
29.2846

■ 51.4166, -6.8437,
23.1199

■ 52.2800, -6.5203,
20.1433

■ 53.1919, -5.9484,
16.5446

■ 54.1524, -5.1273,
12.3268

■ 55.1615, -4.0593,
7.4985

■ 56.2190, -2.7482,
2.0733

■ 57.3243, -1.1997,
-3.9315

Harmonies

Analogous

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



49.1063, 16.7568, 27.1373



49.1051, -6.3721, 28.4095



49.1063, -24.9158, 25.6977

Triad

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



49.1063, -6.3740, 28.4099



49.1063, -32.9982, -27.0219



49.1063, 42.6103, -17.7780

Complementary

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



49.1051, -6.3721, 28.4095



22.0715, 21.5070, -65.8200

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.



49.1063, 24.5295, -43.7497



49.1051, -6.3721, 28.4095



49.1063, -19.3967, -50.5487

Square

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



49.1063, -6.3740, 28.4099



49.1063, -38.4352, -1.0902



49.1063, 1.2445, -57.7421



49.1063, 47.7714, 6.1601

Rectangle

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



49.1051, -6.3721, 28.4095



49.1063, -33.0609, 20.7460



49.1063, 1.2445, -57.7421



49.1063, 37.7015, -26.8430

Sweetspot

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



49.1063, -6.3740, 28.4099



71.2790, -7.4162, 19.3711



28.2860, 39.3963, 11.5900



33.7797, -3.7005, 10.1077



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.



49.1063, -6.3740, 28.4099



63.6822, -6.9098, 38.8024



50.8956, -26.0193, 29.2296



26.5941, -2.0142, 3.8540



43.6840, -4.5294, 26.8386



5.6692, -1.0679, 3.4746

Inverse Universe

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



22.0715, 21.5070, -65.8200



23.3953, 41.8406, -117.7327



21.9927, 35.2573, -65.9139



24.8227, -0.6378, -1.2657



15.4992, 30.4923, -85.1968



2.6067, 1.6567, -6.8345

Previews

White Background



This preview shows how the HunterLab color 49.1051, -6.3721, 28.4095 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 49.1051, -6.3721, 28.4095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

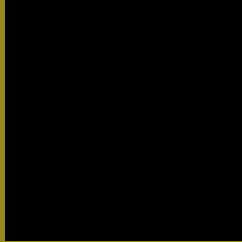
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.1051, -6.3721, 28.4095 Background



This preview shows how black text looks on a background with the HunterLab color 49.1051, -6.3721, 28.4095.



This preview shows how white text looks on a background with the HunterLab color 49.1051, -6.3721,

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

49.1051, -6.3721, 28.4095

Protanopia

49.1051, -6.3721, 28.4095

Deuteranopia

48.9905, 3.1687, 28.2233



Tritanopia

49.1659, 9.8138, 2.3787

Trichromacy



Original Color

49.1051, -6.3721, 28.4095

Protanomaly

49.1051, -6.3721, 28.4095

Deuteranomaly

49.1330, -0.5203, 28.3476

Tritanomaly

48.7539, 2.5761, 15.7317

Monochromacy



Original Color

49.1051, -6.3721, 28.4095

Achromatopsia

46.4608, -2.4790, 2.5243

Achromatomaly

47.2666, -5.6443, 16.0364

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1051, -6.3721, 28.4095 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(152, 135, 33)` looks like.

```
.text, #text, p{  
    color:rgb(152, 135, 33)  
}
```

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(152, 135, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 135, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1051, -6.3721, 28.4095 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(152, 135, 33) }
```


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

```
.border{ border-color:rgb(152, 135, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 135, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 135, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 135, 33);  
box-shadow:4px 4px 4px 4px rgb(152, 135,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1051, -6.3721, 28.4095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 135, 33) }
```

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

```
.background{ background-color: rgb(152,  
135, 33) }
```

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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