

Converting Colors

HunterLab(49.1606, -6.7507,
30.1743)

Have a look what the booklet for
HunterLab(49.1606, -6.7507,
30.1743) contains.

HunterLab(49.0920, -6.6425, 30.1340)	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(49.0920, -6.6425,
30.1340)**

Conversions

Conversions Part 1

Format	Color
Hex	998700
RGB	153, 135, 0
RGB Percent	60%, 53%, 0%
CMY	0.4000, 0.4706, 1.0000
CMYK	0.00, 0.12, 1.00, 0.40
HSL	53°, 100%, 30%
HSV	53°, 100%, 60%
XYZ	21.8008, 24.1002, 3.5028
YIQ	124.9920, 54.0630, -38.1690

Conversions

Conversions Part 2

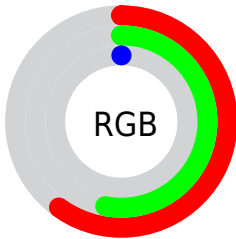
Format	Color
R _Y B	20, 153, 0
Decimal	10061568
CIE Lab	56.19, -5.09, 60.85
CIE LCh	56, 61.066, 94.783
Yxy	24.1014, 0.4413, 0.4878
Android (android.graphics.Color)	4288251648 (0xFF998700)
YUV	124.9920, -61.6211, 24.5630
Hunter-Lab	49.0920, -6.6425, 30.1340

Details

The HunterLab color **49.0920, -6.6425, 30.1340** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **16.5309, 35.4940, -97.2815**, and the grayscale version is **45.5020, -2.4279, 2.4722**.

A 20% lighter version of the original color is **70.8837, -8.4069, 38.8217**, and **30.4175, -4.1433, 18.6706** is the 20% darker color. If you saturate the color by 10%, you get **49.0929, -6.6441, 30.1345**, and if you desaturate by 10%, it is **49.6420, -7.2527, 29.9085**.

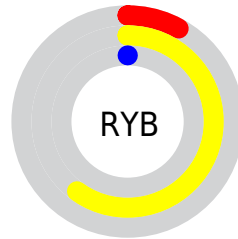
Distribution



Red (60%)

Green (53%)

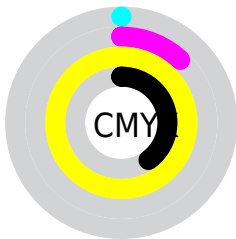
Blue (0%)



Red (8%)

Yellow (60%)

Blue (0%)

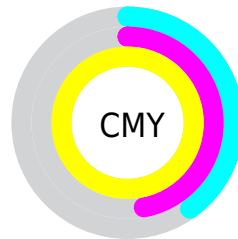


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (47%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.0920, -6.6425, 30.1340 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 49.0920, -6.6425, 30.1340 by changing the saturation by 10% instead.

49.0920, -6.6425,
30.1340

49.0920, -6.6425,
30.1340

165.3278,
-14.9147, 64.6143

39.2541, -5.8201,
25.4283

70.8489, -8.3459,
38.8433

30.1775, -5.0104,
20.9124

82.6838, -9.2251,
42.9053

21.9338, -4.2107,
15.3537

95.1129, -10.1240,
46.8087

14.6177, -3.4122,
10.2324

108.1091,
-11.0427, 50.5759

8.2776, -3.1226,
5.7943

121.6485,
-11.9812, 54.2256

0.0000, NaN, NaN

0.0000, NaN, NaN

135.7103,

-12.9395, 57.7734

0.0000, NaN, NaN

150.2757,
-13.9174, 61.2326

0.0000, NaN, NaN

49.0920, -6.6425,
30.1340

49.0920, -6.6425,
30.1340

49.0929, -6.6441,
30.1345

49.6420, -7.2527,
29.9085

50.2193, -7.7165,
29.3110

50.8360, -7.9743,
28.1817

51.4955, -8.0071,
26.4739

52.2000, -7.8015,
24.1569

■ 52.9513, -7.3490,
21.2114

■ 53.7505, -6.6444,
17.6279

■ 54.5982, -5.6857,
13.4046

■ 55.4948, -4.4734,
8.5462

Harmonies

Analogous

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



49.0932, 20.0659, 28.9141



49.0920, -6.6425, 30.1340



49.0932, -27.5817, 27.6204

Triad

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



49.0932, -6.6445, 30.1343



49.0932, -36.7548, -32.0824



49.0932, 50.0855, -21.6459

Complementary

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



49.0920, -6.6425, 30.1340



16.5309, 35.4940, -97.2815

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.



49.0932, 28.6013, -53.1533



49.0920, -6.6425, 30.1340



49.0932, -21.8164, -61.0348

Square

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



49.0932, -6.6445, 30.1343



49.0932, -42.5554, -1.3787



49.0932, 1.5341, -70.2455



49.0932, 56.4248, 6.4050

Rectangle

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



49.0920, -6.6425, 30.1340



49.0932, -36.6047, 22.6798



49.0932, 1.5341, -70.2455



49.0932, 44.2072, -32.5576

Sweetspot

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



49.0932, -6.6445, 30.1343



71.8655, -8.9578, 23.9017



26.1236, 44.9344, 15.3382



33.5734, -4.3951, 12.1374



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.



49.0932, -6.6445, 30.1343



65.5631, -8.6777, 40.2478



50.3174, -30.1937, 30.4764



26.6436, -2.0953, 3.9063



44.6663, -6.0959, 27.4164



5.7342, -1.1666, 3.5130

Inverse Universe

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



16.5309, 35.4940, -97.2815



21.7887, 48.8024, -132.5844



17.7310, 43.3326, -89.0887



24.7742, -0.5557, -1.3265



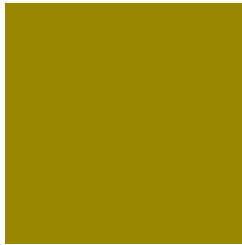
15.1205, 31.9135, -87.7913



2.4693, 1.9911, -7.3846

Previews

White Background



This preview shows how the HunterLab color 49.0920, -6.6425, 30.1340 looks on a white background.

Color Contrast Check

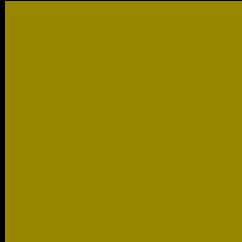
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.0920, -6.6425, 30.1340 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 49.0920, -6.6425, 30.1340 Background



This preview shows how black text looks on a background with the HunterLab color 49.0920, -6.6425, 30.1340.



This preview shows how white text looks on a background with the HunterLab color 49.0920, -6.6425,

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

49.0920, -6.6425, 30.1340

Protanopia

48.9977, -6.9697, 30.0006

Deuteranopia

49.0152, 3.0741, 29.6152



Tritanopia

48.9832, 10.5009, 2.6224

Trichromacy



Original Color

49.0920, -6.6425, 30.1340

Protanomaly

48.9954, -6.9822, 30.0338

Deuteranomaly

49.1419, -0.6873, 29.8870

Tritanomaly

48.6225, 1.6615, 19.2544

Monochromacy



Original Color

49.0920, -6.6425, 30.1340

Achromatopsia

45.2856, -2.4163, 2.4605

Achromatomaly

46.2932, -6.6340, 18.6894

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.0920, -6.6425, 30.1340 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, 135, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 135, 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(153, 135, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 135, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.0920, -6.6425, 30.1340 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, 135, 0) }
```


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

```
.border{ border-color:rgb(153, 135, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 135, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 135, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 135, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 135,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.0920, -6.6425, 30.1340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 135, 0) }
```

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

```
.background{ background-color: rgb(153,  
135, 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](#).

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