

Converting Colors

HunterLab(60.8664, -48.8956,
36.6496)

Have a look what the booklet for
HunterLab(60.8664, -48.8956,
36.6496) contains.

HunterLab(60.9750, -48.9804, 36.7150)	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(60.9750,
-48.9804, 36.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	36BD00
RGB	54, 189, 0
RGB Percent	21%, 74%, 0%
CMY	0.7882, 0.2588, 0.9999
CMYK	0.71, 0.00, 1.00, 0.26
HSL	103°, 100%, 37%
HSV	103°, 100%, 74%
XYZ	19.7190, 37.1795, 6.1371
YIQ	127.0890, -19.7910, -87.3990

Conversions

Conversions Part 2

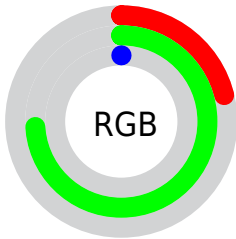
Format	Color
RYB	0, 189, 135
Decimal	3587328
CIELab	67.41, -63.54, 67.13
CIELCh	67, 92.430, 133.426
Yxy	37.1811, 0.3128, 0.5898
Android (android.graphics.Color)	4281777408 (0xFF36BD00)
YUV	127.0890, -62.6549, -64.0991
Hunter-Lab	60.9750, -48.9804, 36.7150

Details

The HunterLab color $60.9750, -48.9804, 36.7150$ is a dark color, and the websafe version is hex $33CC00$. A complement of this color would be $29.7114, 63.2439, -76.6620$, and the grayscale version is $46.3487, -2.4731, 2.5182$.

A 20% lighter version of the original color is $84.0233, -57.0572, 45.6898$, and $41.2919, -35.4078, 24.8240$ is the 20% darker color. If you saturate the color by 10%, you get $60.9759, -48.9830, 36.7155$, and if you desaturate by 10%, it is $61.3634, -47.2747, 36.3923$.

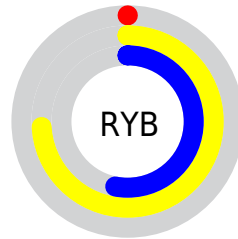
Distribution



Red (21%)

Green (74%)

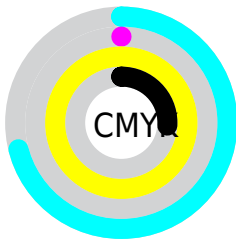
Blue (0%)



Red (0%)

Yellow (74%)

Blue (53%)

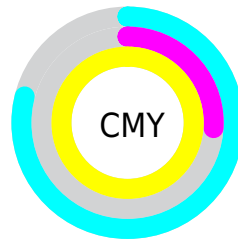


Cyan (71%)

Magenta (0%)

Yellow (100%)

Black (26%)



Cyan (79%)

Magenta (26%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 60.9750, -48.9804, 36.7150 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 60.9750, -48.9804, 36.7150 by changing the saturation by 10% instead.

■ 60.9750, -48.9804,
36.7150

■ 60.9750, -48.9804,
36.7150

182.7823,
-82.3114, 72.9192

■ 50.3465, -44.5025,
31.8757

■ 84.1731, -57.2728,
45.7499

■ 40.4182, -39.7247,
26.7920

■ 96.6730, -61.1641,
49.9967

■ 31.2449, -34.5593,
21.8714

■ 109.7369,
-64.9228, 54.0938

■ 22.8948, -28.8758,
16.0264

■ 123.3413,
-68.5691, 58.0608

■ 15.4589, -23.8067,
10.8213

■ 137.4657,
-72.1191, 61.9138

■ 9.0588, -15.8530,
6.3412

■ 152.0914,

0.0000, NaN, NaN

-75.5859, 65.6670

0.0000, NaN, NaN

167.2020,
-78.9804, 69.3320

0.0000, NaN, NaN

■ 60.9750, -48.9804,
36.7150

■ 60.9750, -48.9804,
36.7150

■ 60.9759, -48.9830,
36.7155

■ 61.3634, -47.2747,
36.3923

■ 61.8749, -44.9902,
35.5967

■ 62.5267, -42.0544,
34.1563

■ 63.3261, -38.4493,
32.0107

■ 64.2777, -34.1768,
29.1275

■ 65.3838, -29.2544,
25.4968

■ 66.6449, -23.7126,
21.1271

■ 68.0598, -17.5911,
16.0415

■ 69.6259, -10.9363,
10.2745

Harmonies

Analogous

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



60.9763, -20.6981, 40.6098



60.9750, -48.9804, 36.7150



60.9763, -62.4330, 21.2430

Triad

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



60.9763, -48.9813, 36.7152



60.9763, -24.3882, -123.4371



60.9763, 95.3720, 18.4426

Complementary

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



60.9750, -48.9804, 36.7150



29.7114, 63.2439, -76.6620

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.



60.9763, 93.6041, -22.5435



60.9750, -48.9804, 36.7150



60.9763, 16.3960, -126.2719

Square

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



60.9763, -48.9813, 36.7152



60.9763, -51.0571, -75.2991



60.9763, 61.8525, -81.5362



60.9763, 66.1815, 35.8369

Rectangle

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



60.9750, -48.9804, 36.7150



60.9763, -64.2104, -1.3925



60.9763, 61.8525, -81.5362



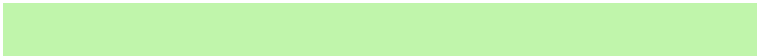
60.9763, 98.5731, 7.6824

Sweetspot

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



60.9763, -48.9813, 36.7152



89.1001, -32.1162, 28.5832



52.3505, 8.2246, 32.4014



40.9787, -16.3810, 14.4440



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



60.9763, -48.9813, 36.7152



81.5371, -65.8231, 49.0905



60.4447, -51.0112, 34.5691



32.8299, -4.9414, 4.6540



50.0493, -40.0341, 30.1393



10.0777, -7.2033, 6.0838

Inverse Universe

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



29.7114, 63.2439, -76.6620



39.5982, 84.4305, -103.2273



36.1398, 68.0883, -24.7166



30.9122, 1.6682, -1.3922



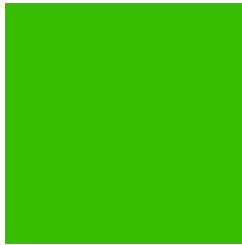
24.4518, 51.9842, -62.5681



5.1557, 10.7075, -11.2272

Previews

White Background



This preview shows how the HunterLab color 60.9750, -48.9804, 36.7150 looks on a white 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

Black Background



This preview shows how the HunterLab color 60.9750, -48.9804, 36.7150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

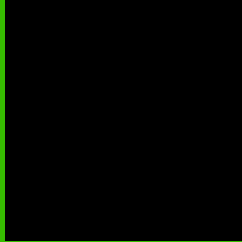
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

HunterLab 60.9750, -48.9804, 36.7150 Background



This preview shows how black text looks on a background with the HunterLab color 60.9750, -48.9804, 36.7150.



This preview shows how white text looks on a background with the HunterLab color 60.9750, -48.9804, 36.7150.

-48.9804, 36.7150.

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

60.9750, -48.9804, 36.7150

Protanopia

60.3198, -8.3064, 37.0233

Deuteranopia

60.4773, 4.2009, 35.3713



Tritanopia

60.9061, -20.6159, -10.2534

Trichromacy



Original Color

60.9750, -48.9804, 36.7150



Protanomaly

59.0114, -27.4400, 35.8821



Deuteranomaly

58.4736, -21.2140, 34.7272



Tritanomaly

60.0754, -36.1999, 18.5317

Monochromacy



Original Color

60.9750, -48.9804, 36.7150



Achromatopsia

46.0685, -2.4581, 2.5030



Achromatomaly

50.1160, -24.8486, 21.2366

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 60.9750, -48.9804, 36.7150 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(54, 189, 0)` looks like.

```
.text, #text, p{  
    color:rgb(54, 189, 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(54, 189, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 189, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 60.9750, -48.9804, 36.7150 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(54, 189, 0) }
```


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

```
.border{ border-color:rgb(54, 189, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 189, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 189, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 189, 0);  
box-shadow:4px 4px 4px 4px rgb(54, 189, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 60.9750, -48.9804, 36.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 189, 0) }
```

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

```
.background{ background-color: rgb(54, 189,  
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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