

Converting Colors

HunterLab(69.6473, -4.3743,
40.8554)

Have a look what the booklet for
HunterLab(69.6473, -4.3743,
40.8554) contains.

HunterLab(69.5572, -4.2448, 40.8384)	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(69.5572, -4.2448,
40.8384)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B62B
RGB	217, 182, 43
RGB Percent	85%, 71%, 17%
CMY	0.1490, 0.2863, 0.8314
CMYK	0.00, 0.16, 0.80, 0.15
HSL	48°, 70%, 51%
HSV	48°, 80%, 85%
XYZ	45.7793, 48.3820, 9.2113
YIQ	176.6190, 65.4790, -35.8090

Conversions

Conversions Part 2

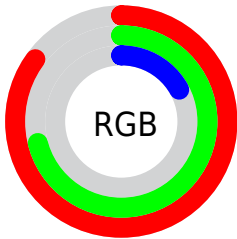
Format	Color
R _Y B	87, 217, 43
Decimal	14267947
CIE Lab	75.07, -0.59, 69.21
CIE LCh	75, 69.213, 90.490
Yxy	48.3844, 0.4428, 0.4680
Android (android.graphics.Color)	4292458027 (0xFFD9B62B)
YUV	176.6190, -65.8742, 35.4141
Hunter-Lab	69.5572, -4.2448, 40.8384

Details

The HunterLab color **69.5572, -4.2448, 40.8384** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **33.1241, 29.5749, -96.5721**, and the grayscale version is **66.3957, -3.5427, 3.6074**.

A 20% lighter version of the original color is **91.2955, -14.7634, 48.0017**, and **48.2020, -2.5759, 29.6568** is the 20% darker color. If you saturate the color by 10%, you get **68.1948, -2.5938, 41.3461**, and if you desaturate by 10%, it is **70.9957, -5.5762, 39.5104**.

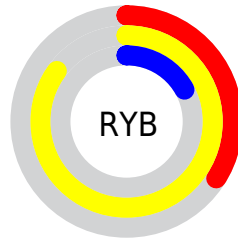
Distribution



Red (85%)

Green (71%)

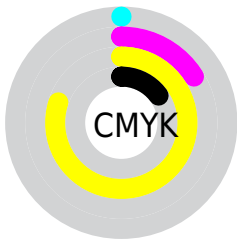
Blue (17%)



Red (34%)

Yellow (85%)

Blue (17%)

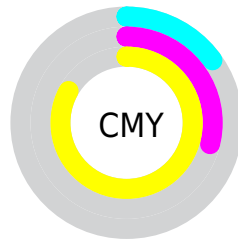


Cyan (0%)

Magenta (16%)

Yellow (80%)

Black (15%)



Cyan (15%)

Magenta (29%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.5572, -4.2448, 40.8384 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 69.5572, -4.2448, 40.8384 by changing the saturation by 10% instead.

69.5572, -4.2448,
40.8384

69.5572, -4.2448,
40.8384

195.0163,
-11.1675, 77.1566

58.4221, -3.6228,
36.0432

93.6891, -5.5923,
49.8328

47.9526, -3.0315,
31.0161

106.6228, -6.3091,
54.0791

38.1962, -2.4759,
25.8159

120.1024, -7.0540,
58.1861

29.2092, -1.9584,
20.4465

134.1065, -7.8260,
62.1711

21.0644, -1.4820,
14.7450

148.6162, -8.6241,
66.0489

13.8598, -1.0504,
9.7018

163.6145, -9.4475,

7.4894, -0.7441,

69.8321

5.2426

179.0859,
-10.2956, 73.5316

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.5572, -4.2448,
40.8384

■ 69.5572, -4.2448,
40.8384

■ 68.1948, -2.5938,
41.3461

■ 70.9957, -5.5762,
39.5104

■ 66.9147, -0.7220,
41.2199

■ 72.5093, -6.5505,
37.2960

■ 74.1020, -7.1534,
34.1610

■ 75.7749, -7.3758,
30.0920

■ 77.5281, -7.2147,

25.0907

■ 79.3611, -6.6725,
19.1710

■ 81.2728, -5.7550,
12.3554

■ 83.2618, -4.4713,
4.6732

■ 85.3263, -2.8327,
-3.8419

Harmonies

Analogous

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



69.5589, 29.7831, 38.1759



69.5572, -4.2448, 40.8384



69.5589, -32.6400, 37.9819

Triad

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



69.5589, -4.2478, 40.8390



69.5589, -49.7497, -33.5858



69.5589, 59.3754, -32.2769

Complementary

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



69.5572, -4.2448, 40.8384



33.1241, 29.5749, -96.5721

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.



69.5589, 30.8770, -69.2866



69.5572, -4.2448, 40.8384



69.5589, -31.8719, -70.2553

Square

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



69.5589, -4.2478, 40.8390



69.5589, -55.7796, 3.2770



69.5589, -3.1810, -85.6179



69.5589, 70.3624, 4.2917

Rectangle

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



69.5572, -4.2448, 40.8384



69.5589, -45.6229, 31.9624



69.5589, -3.1810, -85.6179



69.5589, 51.2963, -45.5819

Sweetspot

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



69.5589, -4.2478, 40.8390



94.3731, -8.3278, 26.0151



41.3151, 61.4306, 15.4456



43.2966, -3.9549, 13.2030

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.5589, -4.2478, 40.8390



80.8161, -1.5922, 49.5558



76.2180, -36.5794, 44.5465



38.4653, -2.6797, 5.5815



52.2094, -0.8116, 32.1570



13.7154, -0.9205, 8.4353

Inverse Universe

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



33.1241, 29.5749, -96.5721



32.3397, 52.4940, -152.6028



30.0480, 53.3491, -110.0799



36.1098, -1.1557, -1.8274



20.5604, 35.0266, -101.3111



6.2997, 5.7317, -20.2472

Previews

White Background



This preview shows how the HunterLab color 69.5572, -4.2448, 40.8384 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 69.5572, -4.2448, 40.8384 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 69.5572, -4.2448, 40.8384 Background



This preview shows how black text looks on a background with the HunterLab color 69.5572, -4.2448, 40.8384.



This preview shows how white text looks on a background with the HunterLab color 69.5572, -4.2448,

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

69.5572, -4.2448, 40.8384

Protanopia

69.4908, -9.0593, 40.6282

Deuteranopia

69.6933, 5.1316, 40.8356



Tritanopia

69.6414, 18.0758, 5.0884

Trichromacy



Original Color

69.5572, -4.2448, 40.8384

Protanomaly

69.5066, -7.4612, 40.6664

Deuteranomaly

69.5422, 1.6933, 40.7646

Tritanomaly

69.0116, 7.8634, 23.9076

Monochromacy



Original Color

69.5572, -4.2448, 40.8384

Achromatopsia

66.3066, -3.5380, 3.6026

Achromatomaly

67.0859, -6.3010, 23.1788

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.5572, -4.2448, 40.8384 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(217, 182, 43)` looks like.

```
.text, #text, p{  
    color:rgb(217, 182, 43)  
}
```

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(217, 182, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 182, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 69.5572, -4.2448, 40.8384 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(217, 182, 43) }
```


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

```
.border{ border-color:rgb(217, 182, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 182, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 182, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 182, 43);  
box-shadow:4px 4px 4px 4px rgb(217, 182,  
43) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.5572, -4.2448, 40.8384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 182, 43) }
```

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

```
.background{ background-color: rgb(217,  
182, 43) }
```

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