

Converting Colors

HunterLab(69.7723, -47.6301,
35.5445)

Have a look what the booklet for
HunterLab(69.7723, -47.6301,
35.5445) contains.

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Color

**HunterLab(69.7723,
-47.6301, 35.5445)**

Conversions

Conversions Part 1	
Format	Color
Hex	60D151
RGB	96, 209, 81
RGB Percent	38%, 82%, 32%
CMY	0.6235, 0.1804, 0.6823
CMYK	0.54, 0.00, 0.61, 0.18
HSL	113°, 58%, 57%
HSV	113°, 61%, 82%
XYZ	29.1095, 48.6817, 15.6468
YIQ	160.6210, -26.2600, -63.7640

Conversions

Conversions Part 2

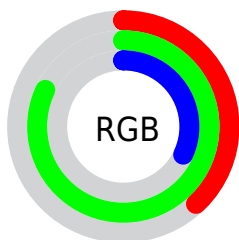
Format	Color
RYB	81, 209, 194
Decimal	6345041
CIELab	75.25, -56.30, 52.57
CIELCh	75, 77.033, 136.961
Yxy	48.6838, 0.3115, 0.5210
Android (android.graphics.Color)	4284535121 (0xFF60D151)
YUV	160.6210, -39.2532, -56.6726
Hunter-Lab	69.7723, -47.6301, 35.5445

Details

The HunterLab color **69.7723, -47.6301, 35.5445** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **46.8608, 57.7965, -46.4371**, and the grayscale version is **59.7086, -3.1859, 3.2441**.

A 20% lighter version of the original color is **89.5756, -49.8458, 39.1516**, and **48.0027, -39.6322, 27.8179** is the 20% darker color. If you saturate the color by 10%, you get **68.9426, -51.4563, 37.8926**, and if you desaturate by 10%, it is **70.8294, -42.8198, 32.3936**.

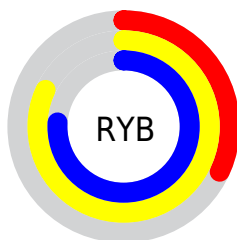
Distribution



Red (38%)

Green (82%)

Blue (32%)



Red (32%)

Yellow (82%)

Blue (76%)

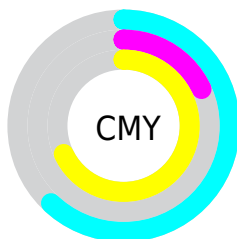


Cyan (54%)

Magenta (0%)

Yellow (61%)

Black (18%)



Cyan (62%)


Magenta (18%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 69.7723, -47.6301, 35.5445 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 69.7723, -47.6301, 35.5445 by changing the saturation by 10% instead.


 69.7723, -47.6301,
35.5445

 69.7723, -47.6301,
35.5445


195.3193,
-77.0356, 64.1651


 58.6248, -43.8010,
31.8102


 93.9264, -54.8132,
42.5541


 48.1425, -39.7591,
27.8818


 106.8706,
-58.2192, 45.8757

 38.3722, -35.4475,
23.7233


 120.3602,
-61.5279, 49.0993

 29.3702, -30.7814,
19.4007

 134.3739,
-64.7539, 52.2392

 21.2087, -25.6320,
14.8461

 148.8929,
-67.9089, 55.3068

 13.9854, -21.5306,
9.7898

163.9002,

 7.6267, -13.3468,

-71.0024, 58.3118

5.3387

179.3803,
-74.0424, 61.2622

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.7723, -47.6301,
35.5445

■ 69.7723, -47.6301,
35.5445

■ 68.9426, -51.4563,
37.8926

■ 70.8294, -42.8198,
32.3936

■ 68.3253, -54.3079,
39.4700

■ 72.1157, -37.0412,
28.4354

■ 67.9056, -56.2375,
40.3475


■ 73.6348, -30.3408,
23.6920


■ 67.6780, -57.2736,
40.7002


■ 75.3854, -22.7843,
18.2043


■ 77.3636, -14.4506,

12.0272

 79.5629, -5.4263,
5.2245

 81.9753, 4.2003,
-2.1362

 84.5914, 14.3429,
-9.9867

 86.0714, 19.6212,
-11.7899

Harmonies

Analogous

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



69.7738, -22.8788, 42.0715



69.7723, -47.6301, 35.5445



69.7738, -59.3785, 17.1370

Triad

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



69.7738, -47.6313, 35.5449



69.7738, -18.7354, -96.2906



69.7738, 76.0390, 20.4731

Complementary

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



69.7723, -47.6301, 35.5445



46.8608, 57.7965, -46.4371

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.



69.7738, 77.7807, -12.8389



69.7723, -47.6301, 35.5445



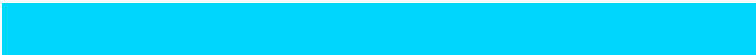
69.7738, 17.7437, -93.7493

Square

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



69.7738, -47.6313, 35.5449



69.7738, -45.1328, -63.9274



69.7738, 54.7306, -58.1270



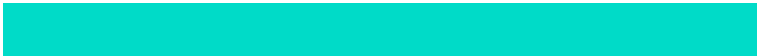
69.7738, 50.3690, 36.9144

Rectangle

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



69.7723, -47.6301, 35.5445



69.7738, -60.2134, -4.7054



69.7738, 54.7306, -58.1270



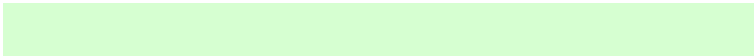
69.7738, 79.6021, 11.3498

Sweetspot

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



69.7738, -47.6313, 35.5449



95.1297, -25.4624, 20.5365



71.9873, -10.3866, 37.7643



43.6872, -13.1578, 10.5157

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.7738, -47.6313, 35.5449



86.1131, -65.4820, 48.0564



69.9351, -45.5929, 25.0004



36.4303, -6.0183, 5.0718



53.1620, -44.8816, 31.9724



12.6607, -10.2304, 7.6223

Inverse Universe

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



46.8608, 57.7965, -46.4371



53.6782, 85.0858, -69.9326



46.9600, 53.7710, -13.3211



34.5483, 2.4127, -1.3974



30.3128, 61.2748, -52.9950



7.3084, 14.6873, -12.1101

Previews

White Background



This preview shows how the HunterLab color 69.7723, -47.6301, 35.5445 looks on a white background.

Color Contrast Check

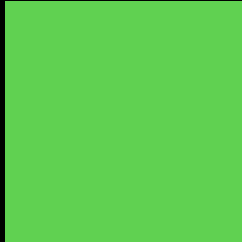
Large Text (above 18pt) WCAG AA × Fail

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 69.7723, -47.6301, 35.5445 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 69.7723, -47.6301, 35.5445 Background



This preview shows how black text looks on a background with the HunterLab color 69.7723, -47.6301, 35.5445.



This preview shows how white text looks on a background with the HunterLab color 69.7723,

-47.6301, 35.5445.

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

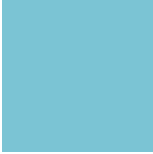
69.7723, -47.6301, 35.5445

Protanopia

69.1047, -8.4331, 36.8759

Deuteranopia

68.9812, 4.9976, 34.0863




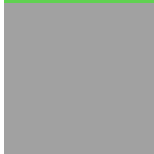

Tritanopia

69.6019, -19.7535, -10.5166

Trichromacy

	Original Color 69.7723, -47.6301, 35.5445
	Protanomaly 68.3192, -25.6919, 35.5549
	Deuteranomaly 67.6849, -18.0205, 33.4932
	Tritanomaly 69.2563, -32.5429, 12.0379

Monochromacy

	Original Color 69.7723, -47.6301, 35.5445
	Achromatopsia 59.6993, -3.1854, 3.2436
	Achromatomaly 62.3098, -21.9496, 17.2389

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.7723, -47.6301, 35.5445 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(96, 209, 81)` looks like.

```
.text, #text, p{  
    color:rgb(96, 209, 81)  
}
```

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(96, 209, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 209, 81) }
```

Border

The CSS property to change the border of an element to HunterLab 69.7723, -47.6301, 35.5445 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(96, 209, 81) }
```


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

```
.border{ border-color:rgb(96, 209, 81) }
```

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

Here you see how a box with a 4 pixel rgb(96, 209, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 209, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 209, 81);  
box-shadow:4px 4px 4px 4px rgb(96, 209,  
81) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.7723, -47.6301, 35.5445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 209, 81) }
```

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

```
.background{ background-color: rgb(96, 209,  
81) }
```

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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