

Converting Colors

HunterLab(76.1793, -57.1628,
37.3711)

Have a look what the booklet for
HunterLab(76.1793, -57.1628,
37.3711) contains.

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Color

**HunterLab(76.2551,
-57.1708, 37.3828)**

Conversions

Conversions Part 1

Format	Color
Hex	45E560
RGB	69, 229, 96
RGB Percent	27%, 90%, 38%
CMY	0.7294, 0.1019, 0.6235
CMYK	0.70, 0.00, 0.58, 0.10
HSL	130°, 75%, 58%
HSV	130°, 70%, 90%
XYZ	32.5849, 58.1484, 20.5728
YIQ	165.9980, -52.6670, -75.2830

Conversions

Conversions Part 2

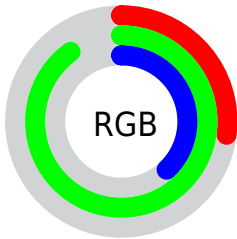
Format	Color
RYB	69, 206, 229
Decimal	4580704
CIELab	80.82, -67.39, 52.17
CIELCh	81, 85.224, 142.256
Yxy	58.1508, 0.2927, 0.5224
Android (android.graphics.Color)	4282770784 (0xFF45E560)
YUV	165.9980, -34.5090, -85.0672
Hunter-Lab	76.2551, -57.1708, 37.3828

Details

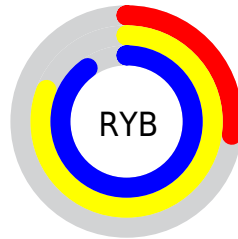
The HunterLab color **76.2551, -57.1708, 37.3828** is a dark color, and the websafe version is hex **66FF66**. The color can be described as middle muted spring green. A complement of this color would be **50.1791, 72.6312, -33.8319**, and the grayscale version is **61.9053, -3.3031, 3.3634**.

A 20% lighter version of the original color is **88.9047, -52.0193, 34.6293**, and **54.4722, -45.6143, 30.3827** is the 20% darker color. If you saturate the color by 10%, you get **75.6039, -60.3199, 40.0292**, and if you desaturate by 10%, it is **77.1686, -52.8806, 34.1541**.

Distribution



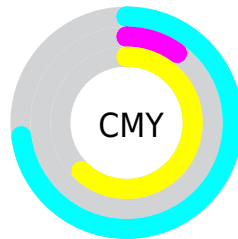
- Red (27%)
- Green (90%)
- Blue (38%)



- Red (27%)
- Yellow (81%)
- Blue (90%)



- Cyan (70%)
- Magenta (0%)
- Yellow (58%)
- Black (10%)



- Cyan (73%)
- Magenta (10%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.2551, -57.1708, 37.3828 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 76.2551, -57.1708, 37.3828 by changing the saturation by 10% instead.

■ 76.2551, -57.1708,
37.3828

■ 76.2551, -57.1708,
37.3828

204.3888,
-90.8941, 65.4129

■ 64.7533, -52.7625,
33.7677

■ 101.0655,
-65.4397, 44.2005

■ 53.8947, -48.1150,
29.9782

■ 114.3162,
-69.3565, 47.4439

■ 43.7218, -43.1703,
25.9808

■ 128.1001,
-73.1572, 50.5986

■ 34.2842, -37.8455,
21.7375

■ 142.3974,
-76.8580, 53.6772

■ 25.6446, -32.0205,
17.7938

157.1903,
-80.4720, 56.6898

■ 17.8848, -25.8504,
12.5194

172.4627,

■ 11.1189, -19.4581,

-84.0102, 59.6453

7.7833

188.2000,
-87.4817, 62.5509

■ 3.0177, -5.2809,
2.1124

0.0000, NaN, NaN

■ 76.2551, -57.1708,
37.3828

■ 76.2551, -57.1708,
37.3828

■ 75.6039, -60.3199,
40.0292

■ 77.1686, -52.8806,
34.1541

■ 75.1866, -62.3945,
42.0877


■ 78.3554, -47.4270,
30.3647


■ 74.9591, -63.5764,
43.5653


■ 79.8263, -40.8346,
26.0542


■ 74.9567, -63.5888,
43.5806


■ 81.5849, -33.1618,
21.2740

 83.6299, -24.4931,
16.0844

 85.9562, -14.9301,
10.5490

 88.5553, -4.5831,
4.7317

 91.4166, 6.4366,
-1.3070

 91.9353, 8.6338,
-4.2123

Harmonies

Analogous

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



76.2567, -31.8304, 46.1534



76.2551, -57.1708, 37.3828



76.2567, -67.7898, 13.6273

Triad

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



76.2567, -57.1718, 37.3832



76.2567, -14.4615, -114.7248



76.2567, 84.0186, 27.5417

Complementary

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



76.2551, -57.1708, 37.3828



50.1791, 72.6312, -33.8319

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.



76.2567, 91.4271, -6.7233



76.2551, -57.1708, 37.3828



76.2567, 28.3281, -103.7923

Square

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



76.2567, -57.1718, 37.3832



76.2567, -46.7781, -82.7777



76.2567, 69.2673, -57.9278



76.2567, 50.7617, 42.9417

Rectangle

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



76.2551, -57.1708, 37.3828



76.2567, -67.0979, -13.6520



76.2567, 69.2673, -57.9278



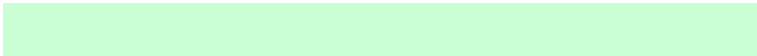
76.2567, 89.8642, 18.4845

Sweetspot

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



76.2567, -57.1718, 37.3832



94.1687, -28.9570, 18.9293



83.1109, -30.4479, 46.6629



43.2601, -14.6878, 9.5240

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.2567, -57.1718, 37.3832



85.1601, -69.3713, 46.3790



77.7353, -48.1392, 15.8598



40.1605, -6.7752, 4.8133



56.6873, -48.0150, 32.7964



15.4483, -12.8111, 8.3463

Inverse Universe

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



50.1791, 72.6312, -33.8319



52.8571, 92.5364, -40.8683



47.2531, 60.7637, 6.9413



38.1723, 2.8040, -0.6095



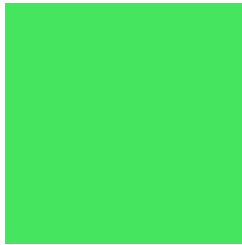
34.1676, 64.8055, -26.6994



9.3477, 17.8268, -8.0566

Previews

White Background



This preview shows how the HunterLab color 76.2551, -57.1708, 37.3828 looks on a white background.

Color Contrast Check

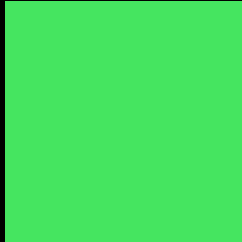
Large Text (above 18pt) WCAG AA × Fail

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 76.2551, -57.1708, 37.3828 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 76.2551, -57.1708, 37.3828 Background



This preview shows how black text looks on a background with the HunterLab color 76.2551, -57.1708, 37.3828.



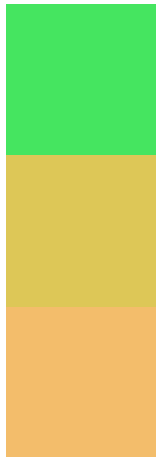
This preview shows how white text looks on a background with the HunterLab color 76.2551,

-57.1708, 37.3828.

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

76.2551, -57.1708, 37.3828

Protanopia

75.4368, -9.0597, 39.2384

Deuteranopia

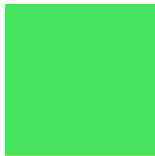
75.1741, 5.7231, 35.4513



Tritanopia

75.9882, -26.5761, -13.2092

Trichromacy



Original Color

76.2551, -57.1708, 37.3828



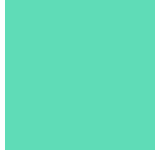
Protanomaly

74.1204, -31.8928, 37.3769



Deuteranomaly

73.3950, -24.1955, 34.4362



Tritanomaly

75.5236, -40.3214, 10.6613

Monochromacy



Original Color

76.2551, -57.1708, 37.3828



Achromatopsia

61.7516, -3.2949, 3.3551



Achromatomaly

65.6838, -26.9915, 17.2551

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.2551, -57.1708, 37.3828 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(69, 229, 96)` looks like.

```
.text, #text, p{  
    color:rgb(69, 229, 96)  
}
```

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(69, 229, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 229, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 76.2551, -57.1708, 37.3828 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(69, 229, 96) }
```


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

```
.border{ border-color:rgb(69, 229, 96) }
```

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

Here you see how a box with a 4 pixel rgb(69, 229, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 229, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 229, 96);  
box-shadow:4px 4px 4px 4px rgb(69, 229,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.2551, -57.1708, 37.3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 229, 96) }
```

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

```
.background{ background-color: rgb(69, 229,  
96) }
```

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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