

Converting Colors

HunterLab(78.3471, -55.5609,
36.0686)

Have a look what the booklet for
HunterLab(78.3471, -55.5609,
36.0686) contains.

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Color

**HunterLab(78.3467,
-55.5625, 36.1405)**

Conversions

Conversions Part 1

Format	Color
Hex	56E96E
RGB	86, 233, 110
RGB Percent	34%, 91%, 43%
CMY	0.6627, 0.0863, 0.5686
CMYK	0.63, 0.00, 0.53, 0.09
HSL	130°, 77%, 63%
HSV	130°, 63%, 91%
XYZ	35.7912, 61.3821, 24.7134
YIQ	175.0250, -48.1290, -69.4170

Conversions

Conversions Part 2

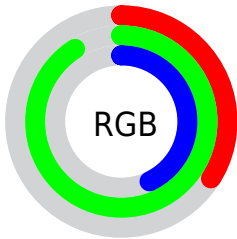
Format	Color
RYB	86, 212, 233
Decimal	5695854
CIELab	82.59, -63.87, 47.97
CIELCh	83, 79.879, 143.088
Yxy	61.3846, 0.2936, 0.5036
Android (android.graphics.Color)	4283885934 (0xFF56E96E)
YUV	175.0250, -32.0573, -78.0749
Hunter-Lab	78.3467, -55.5625, 36.1405

Details

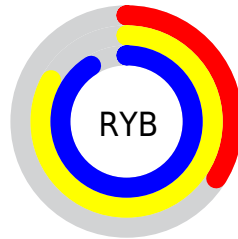
The HunterLab color **78.3467, -55.5625, 36.1405** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **53.4638, 68.1738, -32.7593**, and the grayscale version is **65.6297, -3.5018, 3.5658**.

A 20% lighter version of the original color is **89.7719, -48.0280, 31.2798**, and **55.9966, -46.0694, 29.4599** is the 20% darker color. If you saturate the color by 10%, you get **77.5074, -59.5511, 39.2309**, and if you desaturate by 10%, it is **79.4663, -50.3852, 32.4588**.

Distribution



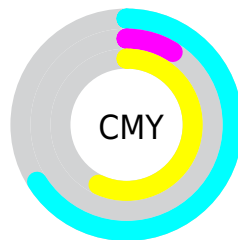
- Red (34%)
- Green (91%)
- Blue (43%)



- Red (34%)
- Yellow (83%)
- Blue (91%)



- Cyan (63%)
- Magenta (0%)
- Yellow (53%)
- Black (9%)





- Cyan (66%)
- Magenta (9%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 78.3467, -55.5625, 36.1405 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 78.3467, -55.5625, 36.1405 by changing the saturation by 10% instead.


 78.3467, -55.5625,
36.1405


 78.3467, -55.5625,
36.1405


207.2879,
-87.6252, 62.2061

 66.7350, -51.4059,
32.8126


 103.3613,
-63.3841, 42.4373


 55.7600, -47.0347,
29.3310


 116.7075,
-67.0993, 45.4428

 45.4629, -42.3972,
25.6634


 130.5833,
-70.7100, 48.3722

 35.8916, -37.4200,
21.7703

 144.9692,
-74.2308, 51.2367

 27.1061, -31.9960,
17.7192

159.8477,
-77.6736, 54.0453

 19.1841, -25.9672,
13.4289

175.2030,

 12.2327, -21.4072,

-81.0484, 56.8056

8.5629

191.0208,
-84.3632, 59.5241

■ 5.3496, -9.3618,
3.7447

0.0000, NaN, NaN

■ 78.3467, -55.5625,
36.1405

■ 78.3467, -55.5625,
36.1405

■ 77.5074, -59.5511,
39.2309

■ 79.4663, -50.3852,
32.4588

■ 76.9250, -62.3839,
41.7126


■ 80.8729, -44.0265,
28.2186


■ 76.5734, -64.1533,
43.5896


■ 82.5736, -36.5364,
23.4693

■ 76.4333, -64.8866,
44.5366

■ 84.5686, -27.9941,
18.2700

 86.8538, -18.4992,
12.6858

 89.4216, -8.1629,
6.7830

 92.2617, 2.8998,
0.6257

 93.1452, 6.4602,
-2.7123

Harmonies

Analogous

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



78.3483, -31.4670, 45.5900



78.3467, -55.5625, 36.1405



78.3483, -65.5777, 12.3696

Triad

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



78.3483, -55.5636, 36.1410



78.3483, -13.0028, -104.6869



78.3483, 77.3833, 27.3915

Complementary

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



78.3467, -55.5625, 36.1405



53.4638, 68.1738, -32.7593

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.



78.3483, 84.9823, -4.8108



78.3467, -55.5625, 36.1405



78.3483, 27.4316, -93.7758

Square

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



78.3483, -55.5636, 36.1410



78.3483, -44.3135, -76.8577



78.3483, 65.2111, -51.7863



78.3483, 46.1094, 42.5399

Rectangle

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



78.3467, -55.5625, 36.1405



78.3483, -64.6457, -13.6628



78.3483, 65.2111, -51.7863



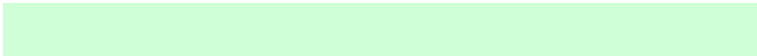
78.3483, 83.0132, 18.7553

Sweetspot

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



78.3483, -55.5636, 36.1410



94.6569, -26.9274, 17.8138



85.3195, -28.6544, 45.9535



43.4663, -13.8244, 9.0516

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



78.3483, -55.5636, 36.1410



85.6189, -67.1374, 44.4366



79.7607, -46.9854, 15.6076



41.1124, -6.9565, 4.9578



57.5844, -48.8113, 33.3941



16.1734, -13.4458, 8.8102

Inverse Universe

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



53.4638, 68.1738, -32.7593



54.7411, 87.7438, -40.6199



50.7930, 56.8888, 4.4693



39.0757, 2.8932, -0.6579



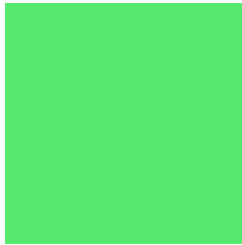
34.7564, 65.9957, -27.7287



9.7972, 18.6966, -8.5420

Previews

White Background



This preview shows how the HunterLab color 78.3467, -55.5625, 36.1405 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 78.3467, -55.5625, 36.1405 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 78.3467, -55.5625, 36.1405 Background



This preview shows how black text looks on a background with the HunterLab color 78.3467, -55.5625, 36.1405.



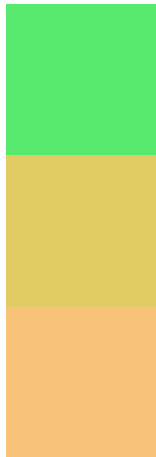
This preview shows how white text looks on a background with the HunterLab color 78.3467,

-55.5625, 36.1405.

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

78.3467, -55.5625, 36.1405

Protanopia

77.5328, -9.1865, 38.3948

Deuteranopia

77.3926, 6.1620, 34.1839



Tritanopia

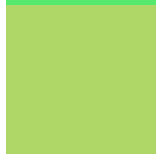
78.0015, -25.5082, -13.2832

Trichromacy



Original Color

78.3467, -55.5625, 36.1405



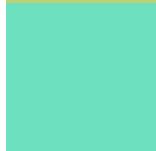
Protanomaly

76.5500, -30.7690, 36.4873



Deuteranomaly

75.6251, -22.1295, 33.2584



Tritanomaly

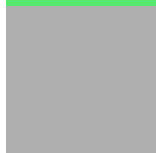
77.6280, -38.7120, 9.5098

Monochromacy



Original Color

78.3467, -55.5625, 36.1405



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

68.9593, -25.8017, 16.8679

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.3467, -55.5625, 36.1405 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(86, 233, 110)` looks like.

```
.text, #text, p{  
    color:rgb(86, 233, 110)  
}
```

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(86, 233, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 233, 110) }
```

Border

The CSS property to change the border of an element to HunterLab 78.3467, -55.5625, 36.1405 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(86, 233, 110) }
```


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

```
.border{ border-color:rgb(86, 233, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 233, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 233, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 233, 110);  
box-shadow:4px 4px 4px 4px rgb(86, 233,  
110) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.3467, -55.5625, 36.1405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 233, 110) }
```

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

```
.background{ background-color: rgb(86, 233,  
110) }
```

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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