

Converting Colors

HunterLab(76.5215, -55.7890,
27.5741)

Have a look what the booklet for
HunterLab(76.5215, -55.7890,
27.5741) contains.

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Color

**HunterLab(76.6836,
-55.9564, 27.6816)**

Conversions

Conversions Part 1

Format	Color
Hex	24E68A
RGB	36, 230, 138
RGB Percent	14%, 90%, 54%
CMY	0.8588, 0.0980, 0.4588
CMYK	0.84, 0.00, 0.40, 0.10
HSL	152°, 80%, 52%
HSV	152°, 84%, 90%
XYZ	33.6119, 58.8037, 33.6235
YIQ	161.5060, -86.0920, -69.7400

Conversions

Conversions Part 2

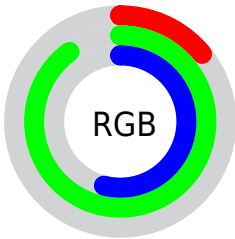
Format	Color
RYB	36, 163, 230
Decimal	2418314
CIELab	81.18, -65.31, 32.37
CIElCh	81, 72.898, 153.634
Yxy	58.8061, 0.2667, 0.4666
Android (android.graphics.Color)	4280608394 (0xFF24E68A)
YUV	161.5060, -11.5885, -110.0688
Hunter-Lab	76.6836, -55.9564, 27.6816

Details

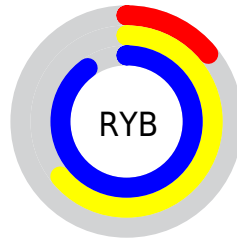
The HunterLab color **76.6836, -55.9564, 27.6816** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **44.3222, 72.1011, 1.2507**, and the grayscale version is **59.9797, -3.2004, 3.2588**.

A 20% lighter version of the original color is **88.9816, -49.9084, 20.7277**, and **55.2949, -42.9727, 23.6519** is the 20% darker color. If you saturate the color by 10%, you get **76.2996, -57.9574, 30.3731**, and if you desaturate by 10%, it is **77.2612, -53.1445, 24.8864**.

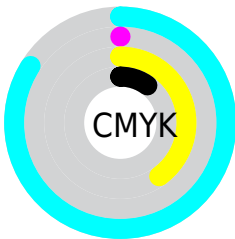
Distribution



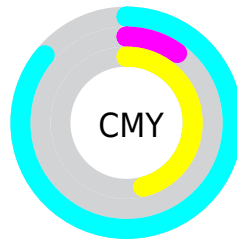
- Red (14%)
- Green (90%)
- Blue (54%)



- Red (14%)
- Yellow (64%)
- Blue (90%)



- Cyan (84%)
- Magenta (0%)
- Yellow (40%)
- Black (10%)





- Cyan (86%)
- Magenta (10%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.6836, -55.9564, 27.6816 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 76.6836, -55.9564, 27.6816 by changing the saturation by 10% instead.


 76.6836, -55.9564,
27.6816

 76.6836, -55.9564,
27.6816


204.9837,
-88.7548, 47.1205


 65.1591, -51.6834,
25.2922


 101.5361,
-63.9806, 32.2573


 54.2765, -47.1830,
22.8103


 114.8065,
-67.7859, 34.4680


 44.0779, -42.3994,
20.2109


 128.6093,
-71.4810, 36.6398

 34.6127, -37.2535,
17.4589

 142.9249,
-75.0812, 38.7797

 25.9428, -31.6301,
14.5053

 157.7354,
-78.5990, 40.8935

 18.1494, -25.5193,
11.7565

173.0249,

 11.3450, -19.8538,

-82.0450, 42.9857

7.9415

188.7787,
-85.4278, 45.0603

■ 3.6218, -6.3382,
2.5353

0.0000, NaN, NaN

■ 76.6836, -55.9564,
27.6816

■ 76.6836, -55.9564,
27.6816

■ 76.2996, -57.9574,
30.3731

■ 77.2612, -53.1445,
24.8864

■ 76.1410, -58.8268,
31.8205

■ 78.0524, -49.4425,
22.0301

■ 79.0756, -44.8176,
19.1561

■ 80.3418, -39.2704,
16.3054

■ 81.8571, -32.8301,
13.5162

■ 83.6235, -25.5486,
10.8228

■ 85.6393, -17.4938,
8.2542

■ 87.8998, -8.7439,
5.8339

■ 90.3983, 0.6178,
3.5795

Harmonies

Analogous

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



76.6851, -38.2073, 40.8370



76.6836, -55.9564, 27.6816



76.6851, -60.7909, -0.0348

Triad

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



76.6851, -55.9572, 27.6822



76.6851, 0.2566, -92.3584



76.6851, 61.0459, 32.0310

Complementary

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



76.6836, -55.9564, 27.6816



44.3222, 72.1011, 1.2507

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.



76.6851, 76.1445, 8.1573



76.6836, -55.9564, 27.6816



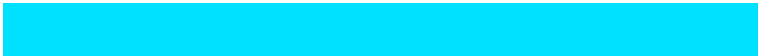
76.6851, 37.2681, -71.4617

Square

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



76.6851, -55.9572, 27.6822



76.6851, -31.9896, -79.2156



76.6851, 66.7431, -30.4223



76.6851, 28.4605, 42.4317

Rectangle

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



76.6836, -55.9564, 27.6816



76.6851, -56.9284, -26.5087



76.6851, 66.7431, -30.4223



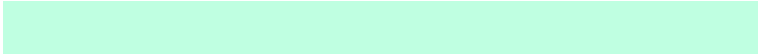
76.6851, 68.5777, 25.8218

Sweetspot

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



76.6851, -55.9572, 27.6822



93.8362, -29.4054, 12.4028



78.3908, -51.1396, 46.1459



43.0771, -14.9787, 6.2281

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.6851, -55.9572, 27.6822



85.5822, -66.1988, 35.9339



78.0394, -39.5466, -9.4838



40.2680, -6.1744, 3.2742



57.3110, -44.1271, 23.6239



15.6395, -11.6241, 5.5452

Inverse Universe

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



44.3222, 72.1011, 1.2507



47.5802, 84.3804, 8.2823



42.9161, 65.0077, 25.2761



38.0542, 2.1710, 1.0694



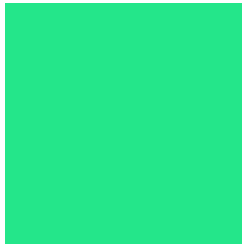
31.8976, 56.6645, 4.8068



8.7780, 15.7927, -0.2203

Previews

White Background



This preview shows how the HunterLab color 76.6836, -55.9564, 27.6816 looks on a white background.

Color Contrast Check

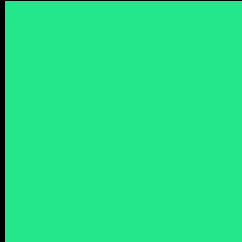
Large Text (above 18pt) WCAG AA × Fail

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 76.6836, -55.9564, 27.6816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

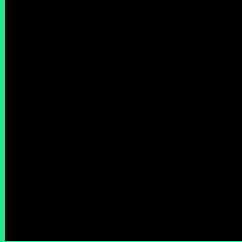
Any Text WCAG AA ✓ Pass

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 76.6836, -55.9564, 27.6816 Background



This preview shows how black text looks on a background with the HunterLab color 76.6836, -55.9564, 27.6816.



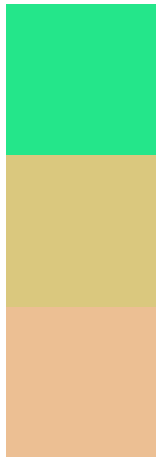
This preview shows how white text looks on a background with the HunterLab color 76.6836, -55.9564, 27.6816.

-55.9564, 27.6816.

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

76.6836, -55.9564, 27.6816

Protanopia

75.9739, -7.6475, 31.2768

Deuteranopia

75.6314, 5.6876, 25.0637



Tritanopia

76.3694, -30.0291, -15.0767

Trichromacy



Original Color

76.6836, -55.9564, 27.6816



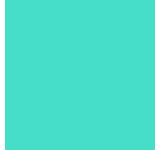
Protanomaly

74.0781, -32.5954, 28.1728



Deuteranomaly

73.1183, -25.4986, 23.2133



Tritanomaly

75.9702, -41.1433, 3.4463

Monochromacy



Original Color

76.6836, -55.9564, 27.6816



Achromatopsia

60.1088, -3.2073, 3.2658



Achromatomaly

64.4621, -27.7357, 11.5167

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.6836, -55.9564, 27.6816 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(36, 230, 138)` looks like.

```
.text, #text, p{  
    color:rgb(36, 230, 138)  
}
```

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(36, 230, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 230, 138) }
```

Border

The CSS property to change the border of an element to HunterLab 76.6836, -55.9564, 27.6816 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(36, 230, 138) }
```


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

```
.border{ border-color:rgb(36, 230, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 230, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 230, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 230, 138);  
box-shadow:4px 4px 4px 4px rgb(36, 230,  
138) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.6836, -55.9564, 27.6816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 230, 138) }
```

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

```
.background{ background-color: rgb(36, 230,  
138) }
```

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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