

Converting Colors

HunterLab(77.7768, -63.3549,
40.2407)

Have a look what the booklet for
HunterLab(77.7768, -63.3549,
40.2407) contains.

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Color

**HunterLab(77.9360,
-63.5179, 40.3736)**

Conversions

Conversions Part 1

Format	Color
Hex	0EEC55
RGB	14, 236, 85
RGB Percent	5%, 93%, 33%
CMY	0.9451, 0.0745, 0.6666
CMYK	0.94, 0.00, 0.64, 0.07
HSL	139°, 89%, 49%
HSV	139°, 94%, 93%
XYZ	31.8163, 60.7402, 18.6415
YIQ	152.4080, -83.8410, -94.0250

Conversions

Conversions Part 2

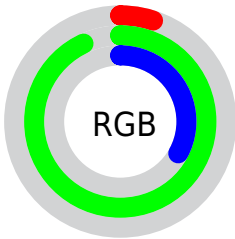
Format	Color
RYB	14, 182, 236
Decimal	978005
CIELab	82.24, -76.28, 58.32
CIELCh	82, 96.018, 142.598
Yxy	60.7427, 0.2861, 0.5462
Android (android.graphics.Color)	4279168085 (0xFF0EEC55)
YUV	152.4080, -33.2321, -121.3838
Hunter-Lab	77.9360, -63.5179, 40.3736

Details

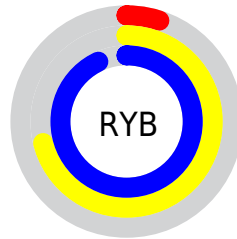
The HunterLab color **77.9360, -63.5179, 40.3736** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **45.6777, 82.4041, -16.6186**, and the grayscale version is **56.3565, -3.0070, 3.0620**.

A 20% lighter version of the original color is **87.7444, -57.0589, 36.3037**, and **56.4898, -47.9964, 33.0032** is the 20% darker color. If you saturate the color by 10%, you get **77.7868, -64.3405, 41.6659**, and if you desaturate by 10%, it is **78.3190, -61.5429, 37.8507**.

Distribution



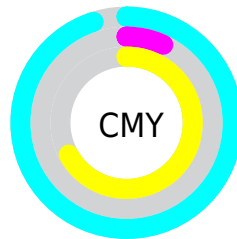
- Red (5%)
- Green (93%)
- Blue (33%)



- Red (5%)
- Yellow (71%)
- Blue (93%)



- Cyan (94%)
- Magenta (0%)
- Yellow (64%)
- Black (7%)





- Cyan (95%)
- Magenta (7%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.9360, -63.5179, 40.3736 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 77.9360, -63.5179, 40.3736 by changing the saturation by 10% instead.


 77.9360, -63.5179,
40.3736


 77.9360, -63.5179,
40.3736


206.7196,
-100.9442, 71.0422

 66.3457, -58.5907,
36.3988


 102.9108,
-72.7408, 47.8640


 55.3934, -53.3908,
32.2343


 116.2383,
-77.0999, 51.4222


 45.1205, -47.8547,
27.8486


 130.0962,
-81.3233, 54.8788

 35.5752, -41.8935,
23.2110

 144.4648,
-85.4292, 58.2473

 26.8180, -35.3820,
18.7726

 159.3266,
-89.4328, 61.5390

 18.9275, -28.6137,
13.2493

174.6658,

 12.0120, -21.0210,

-93.3465, 64.7635

8.4084

190.4678,
-97.1807, 67.9289

■ 4.9800, -8.7150,
3.4860

0.0000, NaN, NaN

■ 77.9360, -63.5179,
40.3736

■ 77.9360, -63.5179,
40.3736

■ 77.7868, -64.3405,
41.6659

■ 78.3190, -61.5429,
37.8507

■ 78.9170, -58.5974,
34.9329

■ 79.7581, -54.5986,
31.6513

■ 80.8602, -49.5129,
28.0441

■ 82.2349, -43.3482,
24.1567

■ 83.8877, -36.1463,
20.0391

■ 85.8196, -27.9757,
15.7433

■ 88.0276, -18.9234,
11.3205

■ 90.5052, -9.0872,
6.8190

Harmonies

Analogous

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



77.9376, -35.8020, 49.1080



77.9360, -63.5179, 40.3736



77.9376, -74.8078, 14.4809

Triad

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



77.9376, -63.5189, 40.3740



77.9376, -15.4163, -137.2490



77.9376, 97.4780, 30.4796

Complementary

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



77.9360, -63.5179, 40.3736



45.6777, 82.4041, -16.6186

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.



77.9376, 106.5973, -7.6065



77.9360, -63.5179, 40.3736



77.9376, 33.4996, -123.3103

Square

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



77.9376, -63.5189, 40.3740



77.9376, -51.6189, -98.9344



77.9376, 80.9354, -67.6811



77.9376, 58.3436, 46.2000

Rectangle

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



77.9360, -63.5179, 40.3736



77.9376, -73.9532, -16.8221



77.9376, 80.9354, -67.6811



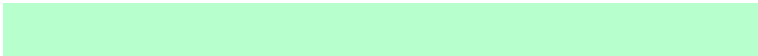
77.9376, 104.4794, 20.6921

Sweetspot

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



77.9376, -63.5189, 40.3740



92.8108, -34.2811, 19.1093



82.5228, -45.4777, 49.7554



42.5230, -17.6243, 9.7774

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.9376, -63.5189, 40.3740



84.9249, -70.2906, 45.5885



80.0254, -50.6831, 10.0383



41.1601, -6.6895, 4.2739



57.7690, -47.6551, 30.6674



16.2404, -13.0278, 7.8241

Inverse Universe

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



45.6777, 82.4041, -16.6186



49.2893, 90.5656, -15.8713



42.9194, 72.2556, 22.7699



39.0218, 2.6050, 0.1066



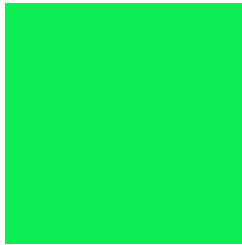
33.5612, 61.7463, -11.4280



9.4966, 17.6318, -4.4730

Previews

White Background



This preview shows how the HunterLab color 77.9360, -63.5179, 40.3736 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 77.9360, -63.5179, 40.3736 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 77.9360, -63.5179, 40.3736 Background



This preview shows how black text looks on a background with the HunterLab color 77.9360, -63.5179, 40.3736.



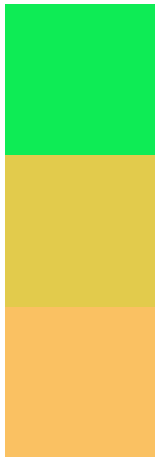
This preview shows how white text looks on a background with the HunterLab color 77.9360, -63.5179, 40.3736.

-63.5179, 40.3736.

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

77.9360, -63.5179, 40.3736

Protanopia

77.0730, -9.7577, 42.0613

Deuteranopia

77.0362, 5.8316, 38.6781



Tritanopia

77.7378, -29.8192, -14.9028

Trichromacy



Original Color

77.9360, -63.5179, 40.3736



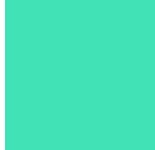
Protanomaly

74.5352, -39.1784, 39.3582



Deuteranomaly

73.6775, -31.8183, 36.5091



Tritanomaly

76.7918, -46.0784, 11.9228

Monochromacy



Original Color

77.9360, -63.5179, 40.3736



Achromatopsia

56.0347, -2.9899, 3.0445



Achromatomaly

61.8468, -32.2991, 17.9664

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.9360, -63.5179, 40.3736 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(14, 236, 85)` looks like.

```
.text, #text, p{  
    color:rgb(14, 236, 85)  
}
```

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(14, 236, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 236, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 77.9360, -63.5179, 40.3736 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(14, 236, 85) }
```


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

```
.border{ border-color:rgb(14, 236, 85) }
```

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

Here you see how a box with a 4 pixel rgb(14, 236, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 236, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 236, 85);  
box-shadow:4px 4px 4px 4px rgb(14, 236,  
85) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.9360, -63.5179, 40.3736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 236, 85) }
```

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

```
.background{ background-color: rgb(14, 236,  
85) }
```

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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