

Converting Colors

HunterLab(75.3953, -62.1477,
39.9215)

Have a look what the booklet for
HunterLab(75.3953, -62.1477,
39.9215) contains.

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Color

**HunterLab(75.5840,
-62.2825, 39.9766)**

Conversions

Conversions Part 1

Format	Color
Hex	00E64D
RGB	0, 230, 77
RGB Percent	0%, 90%, 30%
CMY	1.0000, 0.0980, 0.6980
CMYK	1.00, 0.00, 0.67, 0.10
HSL	140°, 100%, 45%
HSV	140°, 100%, 90%
XYZ	29.6363, 57.1294, 16.4862
YIQ	143.7880, -87.9670, -96.3430

Conversions

Conversions Part 2

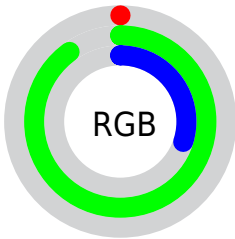
Format	Color
RYB	0, 172, 230
Decimal	58957
CIELab	80.25, -75.83, 59.35
CIELCh	80, 96.296, 141.949
Yxy	57.1318, 0.2870, 0.5533
Android (android.graphics.Color)	4278249037 (0xFF00E64D)
YUV	143.7880, -32.9265, -126.1021
Hunter-Lab	75.5840, -62.2825, 39.9766

Details

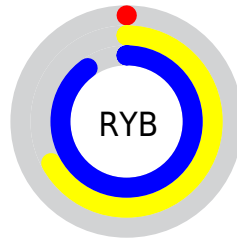
The HunterLab color **75.5840, -62.2825, 39.9766** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **43.7308, 80.1491, -12.5125**, and the grayscale version is **52.8804, -2.8216, 2.8731**.

A 20% lighter version of the original color is **87.4648, -58.4606, 38.0741**, and **54.6872, -46.7655, 32.5991** is the 20% darker color. If you saturate the color by 10%, you get **75.5855, -62.2837, 39.9774**, and if you desaturate by 10%, it is **75.8657, -60.7763, 37.7164**.

Distribution



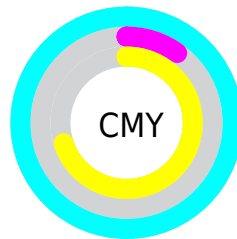
- Red (0%)
- Green (90%)
- Blue (30%)



- Red (0%)
- Yellow (67%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (67%)
- Black (10%)



- Cyan (100%)
- Magenta (10%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.5840, -62.2825, 39.9766 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 75.5840, -62.2825, 39.9766 by changing the saturation by 10% instead.

■ 75.5840, -62.2825,
39.9766

■ 75.5840, -62.2825,
39.9766

203.4559,
-99.7308, 71.2718

■ 64.1179, -57.3337,
35.9021

■ 100.3282,
-71.5301, 47.6426

■ 53.2971, -52.1030,
31.6288

■ 113.5478,
-75.8952, 51.2787

■ 43.1646, -46.5232,
27.1257

■ 127.3020,
-80.1216, 54.8076

■ 33.7706, -40.4997,
22.4059

■ 141.5706,
-84.2283, 58.2436

■ 25.1786, -33.8989,
17.6250

■ 156.3357,
-88.2308, 61.5987

■ 17.4719, -27.7152,
12.2303

171.5812,

■ 10.7671, -18.8424,

-92.1418, 64.8830

7.5369

187.2924,
-95.9721, 68.1049

■ 1.6757, -2.9325,
1.1730

0.0000, NaN, NaN

■ 75.5840, -62.2825,
39.9766

■ 75.5840, -62.2825,
39.9766

■ 75.5855, -62.2837,
39.9774

■ 75.8657, -60.7763,
37.7164

■ 76.3224, -58.4649,
35.0701

■ 76.9993, -55.1838,
32.0753

■ 77.9182, -50.8741,
28.7664

■ 79.0935, -45.5211,
25.1842

■ 80.5339, -39.1464,
21.3749

■ 82.2429, -31.8012,
17.3871

■ 84.2198, -23.5591,
13.2701

■ 86.4603, -14.5081,
9.0708

Harmonies

Analogous

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



75.5856, -34.6014, 48.1043



75.5840, -62.2825, 39.9766



75.5856, -73.6879, 15.0702

Triad

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



75.5856, -62.2834, 39.9769



75.5856, -16.1408, -137.5663



75.5856, 97.8928, 29.4758

Complementary

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



75.5840, -62.2825, 39.9766



43.7308, 80.1491, -12.5125

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.



75.5856, 106.2511, -8.7751



75.5840, -62.2825, 39.9766



75.5856, 32.3184, -124.6798

Square

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



75.5856, -62.2834, 39.9769



75.5856, -51.5759, -97.9932



75.5856, 79.9126, -69.1977



75.5856, 59.2488, 45.0946

Rectangle

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



75.5840, -62.2825, 39.9766



75.5856, -73.0601, -15.6697



75.5856, 79.9126, -69.1977



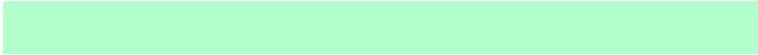
75.5856, 104.6595, 19.6727

Sweetspot

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



75.5856, -62.2834, 39.9769



92.4171, -35.9002, 19.6242



79.6248, -46.3132, 48.2535



42.3635, -18.2847, 9.9676

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.5856, -62.2834, 39.9769



84.9599, -70.0724, 45.0737



77.7091, -49.2185, 9.1192



40.2099, -6.4989, 4.1056



56.8892, -46.7512, 29.8158



15.5189, -12.3711, 7.3084

Inverse Universe

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



43.7308, 80.1491, -12.5125



49.1409, 90.0328, -13.8073



41.1897, 70.8829, 23.9409



38.1168, 2.5065, 0.1796



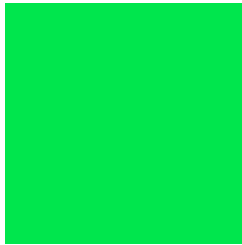
32.9392, 60.4340, -9.9133



9.0492, 16.7685, -4.0094

Previews

White Background



This preview shows how the HunterLab color 75.5840, -62.2825, 39.9766 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 75.5840, -62.2825, 39.9766 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 75.5840, -62.2825, 39.9766 Background



This preview shows how black text looks on a background with the HunterLab color 75.5840, -62.2825, 39.9766.



This preview shows how white text looks on a background with the HunterLab color 75.5840, -62.2825, 39.9766.

-62.2825, 39.9766.

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

75.5840, -62.2825, 39.9766

Protanopia

74.9518, -9.5735, 41.6912

Deuteranopia

74.8030, 5.5411, 38.3453



Tritanopia

75.3732, -28.8322, -14.7012

Trichromacy



Original Color

75.5840, -62.2825, 39.9766



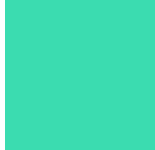
Protanomaly

72.2571, -39.5717, 38.9403



Deuteranomaly

70.9594, -32.2284, 35.8044



Tritanomaly

74.3309, -45.4689, 12.2434

Monochromacy



Original Color

75.5840, -62.2825, 39.9766



Achromatopsia

52.8104, -2.8178, 2.8693



Achromatomaly

58.5588, -31.9611, 17.5329

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.5840, -62.2825, 39.9766 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(0, 230, 77)` looks like.

```
.text, #text, p{  
    color:rgb(0, 230, 77)  
}
```

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(0, 230, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 230, 77) }
```

Border

The CSS property to change the border of an element to HunterLab 75.5840, -62.2825, 39.9766 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(0, 230, 77) }
```


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

```
.border{ border-color:rgb(0, 230, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 230, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 230, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 230, 77);  
box-shadow:4px 4px 4px 4px rgb(0, 230, 77)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 75.5840, -62.2825, 39.9766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 230, 77) }
```

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

```
.background{ background-color: rgb(0, 230,  
77) }
```

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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