

Converting Colors

HunterLab(79.7437, -67.9972,
47.1167)

Have a look what the booklet for
HunterLab(79.7437, -67.9972,
47.1167) contains.

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Color

**HunterLab(79.7421,
-68.0035, 47.1294)**

Conversions

Conversions Part 1

Format	Color
Hex	00F21C
RGB	0, 242, 28
RGB Percent	0%, 95%, 11%
CMY	1.0000, 0.0510, 0.8901
CMYK	1.00, 0.00, 0.88, 0.05
HSL	127°, 100%, 47%
HSV	127°, 100%, 95%
XYZ	31.9617, 63.5880, 11.6877
YIQ	145.2460, -75.5380, -117.8580

Conversions

Conversions Part 2

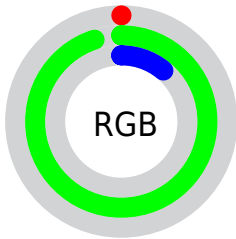
Format	Color
RYB	0, 217, 242
Decimal	61980
CIELab	83.75, -82.26, 76.93
CIELCh	84, 112.632, 136.918
Yxy	63.5907, 0.2980, 0.5930
Android (android.graphics.Color)	4278252060 (0xFF00F21C)
YUV	145.2460, -57.8023, -127.3807
Hunter-Lab	79.7421, -68.0035, 47.1294

Details

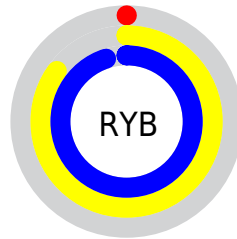
The HunterLab color **79.7421, -68.0035, 47.1294** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **48.7161, 93.3924, -45.7659**, and the grayscale version is **53.5591, -2.8578, 2.9100**.

A 20% lighter version of the original color is **87.2438, -60.2653, 44.8513**, and **58.5500, -50.2066, 35.1993** is the 20% darker color. If you saturate the color by 10%, you get **79.7437, -68.0046, 47.1297**, and if you desaturate by 10%, it is **79.9554, -66.9238, 45.9077**.

Distribution



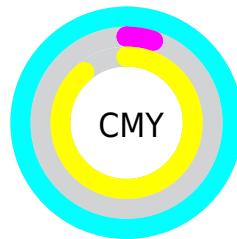
- Red (0%)
- Green (95%)
- Blue (11%)



- Red (0%)
- Yellow (85%)
- Blue (95%)



- Cyan (100%)
- Magenta (0%)
- Yellow (88%)
- Black (5%)



- Cyan (100%)
- Magenta (5%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.7421, -68.0035, 47.1294 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 79.7421, -68.0035, 47.1294 by changing the saturation by 10% instead.

■ 79.7421, -68.0035,
47.1294

■ 79.7421, -68.0035,
47.1294

■ 209.2152,
-107.8666, 86.0198

■ 68.0582, -62.7421,
42.0545

■ 104.8910,
-77.8473, 56.7015

■ 57.0068, -57.1894,
36.7590

■ 118.3001,
-82.4962, 61.2400

■ 46.6283, -51.2799,
31.2319

■ 132.2364,
-86.9975, 65.6385

■ 36.9695, -44.9233,
25.8787

■ 146.6806,
-91.3708, 69.9128

■ 28.0887, -37.9948,
19.6621

■ 161.6156,
-95.6320, 74.0769

■ 20.0611, -30.7375,
14.0428

■ 177.0256,

■ 12.9895, -22.7316,

-99.7946, 78.1427

9.0926

192.8965,
-103.8696, 82.1207

■ 6.4451, -11.2789,
4.5116

0.0000, NaN, NaN

■ 79.7421, -68.0035,
47.1294

■ 79.7421, -68.0035,
47.1294

■ 79.7437, -68.0046,
47.1297

■ 79.9554, -66.9238,
45.9077

■ 80.3726, -64.8686,
44.0152

■ 81.0458, -61.6339,
41.4182

■ 82.0021, -57.1349,
38.1024

■ 83.2596, -51.3448,
34.0798

■ 84.8288, -44.2864,
29.3852

■ 86.7141, -36.0229,
24.0721

■ 88.9141, -26.6476,
18.2071

■ 91.4231, -16.2744,
11.8641

Harmonies

Analogous

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



79.7438, -32.9010, 53.1393



79.7421, -68.0035, 47.1294



79.7438, -83.6446, 24.0074

Triad

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



79.7438, -68.0046, 47.1297



79.7438, -26.9255, -170.3810



79.7438, 125.0839, 28.5206

Complementary

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



79.7421, -68.0035, 47.1294



48.7161, 93.3924, -45.7659

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.



79.7438, 127.9758, -22.1126



79.7421, -68.0035, 47.1294



79.7438, 29.0998, -165.7121

Square

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



79.7438, -68.0046, 47.1297



79.7438, -64.6624, -110.4985



79.7438, 89.2014, -100.2527



79.7438, 82.1321, 48.5117

Rectangle

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



79.7421, -68.0035, 47.1294



79.7438, -84.7387, -8.8284



79.7438, 89.2014, -100.2527



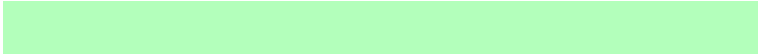
79.7438, 131.1154, 15.5877

Sweetspot

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



79.7438, -68.0046, 47.1297



92.0040, -38.3075, 25.5961



88.5336, -32.7364, 53.9808



42.1555, -19.5057, 12.9789

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.7438, -68.0046, 47.1297



84.6235, -72.1795, 50.0428



80.9675, -60.3881, 29.1583



42.0549, -7.2116, 5.2899



58.4552, -49.7889, 34.4161



16.8887, -14.1812, 9.5038

Inverse Universe

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



48.7161, 93.3924, -45.7659



51.6939, 99.0943, -48.5095



44.4268, 78.0164, 13.7128



39.9976, 3.0637, -0.9209



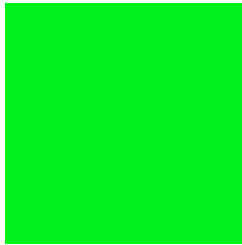
35.7240, 68.5150, -33.7882



10.3467, 19.9120, -10.3135

Previews

White Background



This preview shows how the HunterLab color 79.7421, -68.0035, 47.1294 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 79.7421, -68.0035, 47.1294 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

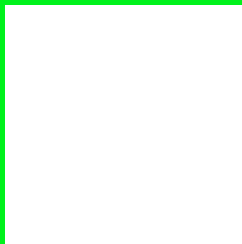
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 79.7421, -68.0035, 47.1294 Background



This preview shows how black text looks on a background with the HunterLab color 79.7421, -68.0035, 47.1294.



This preview shows how white text looks on a background with the HunterLab color 79.7421, -68.0035, 47.1294.

-68.0035, 47.1294.

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

79.7421, -68.0035, 47.1294

Protanopia

78.7280, -10.8135, 48.0096

Deuteranopia

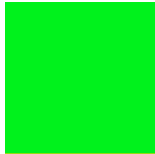
78.6747, 5.1827, 41.6120



Tritanopia

79.4281, -30.0724, -14.8787

Trichromacy



Original Color

79.7421, -68.0035, 47.1294



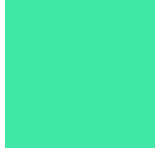
Protanomaly

75.8481, -43.4855, 45.4943



Deuteranomaly

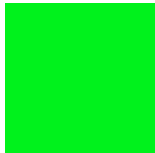
74.6078, -35.6338, 41.2531



Tritanomaly

78.0759, -50.9405, 20.1860

Monochromacy



Original Color

79.7421, -68.0035, 47.1294



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

59.8975, -35.8818, 23.8375

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.7421, -68.0035, 47.1294 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, 242, 28)` looks like.

```
.text, #text, p{  
    color:rgb(0, 242, 28)  
}
```

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, 242, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 242, 28) }
```

Border

The CSS property to change the border of an element to HunterLab 79.7421, -68.0035, 47.1294 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, 242, 28) }
```


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

```
.border{ border-color:rgb(0, 242, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 242, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 242, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 242, 28);  
box-shadow:4px 4px 4px 4px rgb(0, 242, 28)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 79.7421, -68.0035, 47.1294 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 242, 28) }
```

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

```
.background{ background-color: rgb(0, 242,  
28) }
```

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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