

Converting Colors

HunterLab(79.5179, -64.6724,
47.8664)

Have a look what the booklet for
HunterLab(79.5179, -64.6724,
47.8664) contains.

HunterLab(79.6305, -64.7653, 47.9341)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(79.6305,
-64.7653, 47.9341)**

Conversions

Conversions Part 1

Format	Color
Hex	40F000
RGB	64, 240, 0
RGB Percent	25%, 94%, 0%
CMY	0.7490, 0.0588, 0.9999
CMYK	0.73, 0.00, 1.00, 0.06
HSL	104°, 100%, 47%
HSV	104°, 100%, 94%
XYZ	33.2744, 63.4102, 10.4857
YIQ	160.0160, -27.8560, -111.9520

Conversions

Conversions Part 2

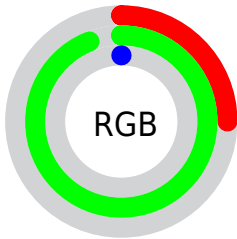
Format	Color
RYB	0, 240, 176
Decimal	4255744
CIELab	83.66, -77.17, 80.15
CIELCh	84, 111.259, 133.914
Yxy	63.4128, 0.3105, 0.5917
Android (android.graphics.Color)	4282445824 (0xFF40F000)
YUV	160.0160, -78.8879, -84.2060
Hunter-Lab	79.6305, -64.7653, 47.9341

Details

The HunterLab color **79.6305, -64.7653, 47.9341** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark saturated green. A complement of this color would be **39.4044, 83.4424, -98.3044**, and the grayscale version is **59.6200, -3.1812, 3.2393**.

A 20% lighter version of the original color is **88.1161, -56.8780, 46.9417**, and **57.8411, -49.5987, 34.7731** is the 20% darker color. If you saturate the color by 10%, you get **79.6316, -64.7691, 47.9347**, and if you desaturate by 10%, it is **80.1030, -62.6954, 47.6205**.

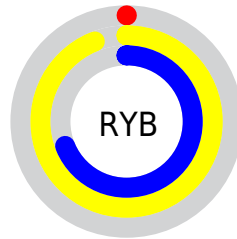
Distribution



Red (25%)

Green (94%)

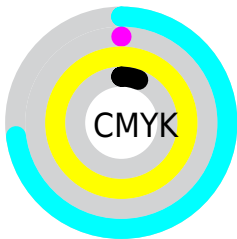
Blue (0%)



Red (0%)

Yellow (94%)

Blue (69%)

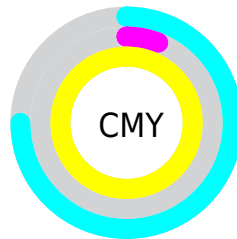


Cyan (73%)

Magenta (0%)

Yellow (100%)

Black (6%)



Cyan (75%)


Magenta (6%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.6305, -64.7653, 47.9341 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 79.6305, -64.7653, 47.9341 by changing the saturation by 10% instead.


 79.6305, -64.7653,
47.9341


 79.6305, -64.7653,
47.9341


209.0613,
-102.4256, 88.2831


 67.9524, -59.8177,
42.6689


 104.7687,
-74.0362, 57.8719


 56.9071, -54.6009,
37.1819


 118.1728,
-78.4210, 62.5840


 46.5350, -49.0534,
31.4729


 132.1043,
-82.6707, 67.1498

 36.8832, -43.0898,
25.8182

 146.5439,
-86.8033, 71.5855

 28.0099, -36.5898,
19.6069

 161.4744,
-90.8338, 75.9050

 19.9907, -29.5752,
13.9935

 176.8800,

 12.9286, -22.6250,

-94.7744, 80.1209

9.0500

192.7467,
-98.6354, 84.2438

■ 6.3646, -11.1381,
4.4552

0.0000, NaN, NaN

■ 79.6305, -64.7653,
47.9341

■ 79.6305, -64.7653,
47.9341

■ 79.6316, -64.7691,
47.9347

■ 80.1030, -62.6954,
47.6205

■ 80.7470, -59.8159,
46.6526

■ 81.5842, -56.0371,
44.8307

■ 82.6258, -51.3295,
42.0677

■ 83.8788, -45.6930,
38.3172

■ 85.3470, -39.1510,
33.5646

■ 87.0310, -31.7461,
27.8222

■ 88.9294, -23.5352,
21.1227

■ 91.0383, -14.5846,
13.5150

Harmonies

Analogous

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



79.6322, -27.9570, 53.1070



79.6305, -64.7653, 47.9341



79.6322, -82.1001, 27.3367

Triad

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



79.6322, -64.7665, 47.9344



79.6322, -31.3025, -163.6941



79.6322, 125.4069, 24.8030

Complementary

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



79.6305, -64.7653, 47.9341



39.4044, 83.4424, -98.3044

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.



79.6322, 123.7974, -28.5959



79.6305, -64.7653, 47.9341



79.6322, 22.5950, -166.2821

Square

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



79.6322, -64.7665, 47.9344



79.6322, -66.6440, -100.6889



79.6322, 82.4190, -106.3767



79.6322, 86.3573, 47.1474

Rectangle

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



79.6305, -64.7653, 47.9341



79.6322, -84.2533, -2.7877



79.6322, 82.4190, -106.3767



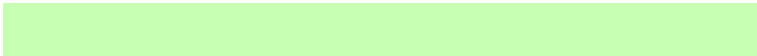
79.6322, 129.8721, 10.8543

Sweetspot

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



79.6322, -64.7665, 47.9344



93.2104, -34.1020, 29.8793



70.4143, 7.2378, 43.5148



42.7578, -17.3781, 15.0842

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.6322, -64.7665, 47.9344



85.2924, -69.4383, 51.3411



79.1257, -66.5601, 44.7855



42.2612, -6.5418, 6.0754



58.9631, -47.7214, 35.4973



17.1442, -13.1845, 10.3333

Inverse Universe

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



39.4044, 83.4424, -98.3044



42.1764, 89.3464, -105.4430



46.8913, 87.6797, -26.9167



39.7582, 2.3439, -1.8877



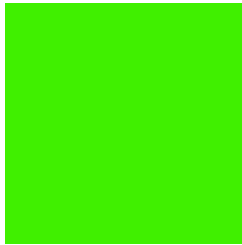
29.2690, 61.8902, -72.2962



8.7232, 18.2230, -19.8226

Previews

White Background



This preview shows how the HunterLab color 79.6305, -64.7653, 47.9341 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 79.6305, -64.7653, 47.9341 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

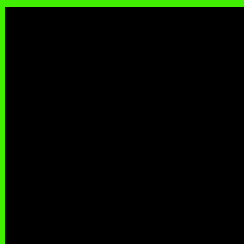
Any Text WCAG AA ✓ Pass

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 79.6305, -64.7653, 47.9341 Background



This preview shows how black text looks on a background with the HunterLab color 79.6305, -64.7653, 47.9341.



This preview shows how white text looks on a background with the HunterLab color 79.6305, -64.7653, 47.9341.

-64.7653, 47.9341.

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

79.6305, -64.7653, 47.9341

Protanopia

78.7079, -10.9255, 48.3082

Deuteranopia

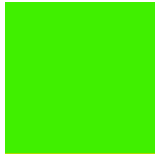
78.6437, 5.0167, 42.0684



Tritanopia

79.2712, -27.3359, -13.8748

Trichromacy



Original Color

79.6305, -64.7653, 47.9341



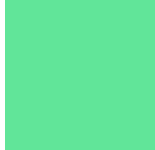
Protanomaly

77.0932, -36.8690, 46.8590



Deuteranomaly

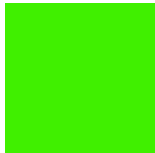
76.3505, -29.0861, 43.8274



Tritanomaly

78.0256, -48.0130, 24.3380

Monochromacy



Original Color

79.6305, -64.7653, 47.9341



Achromatopsia

59.2902, -3.1636, 3.2213



Achromatomaly

64.5867, -32.7314, 27.6856

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.6305, -64.7653, 47.9341 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(64, 240, 0)` looks like.

```
.text, #text, p{  
    color:rgb(64, 240, 0)  
}
```

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(64, 240, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 240, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 79.6305, -64.7653, 47.9341 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(64, 240, 0) }
```


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

```
.border{ border-color:rgb(64, 240, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 240, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 240, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 240, 0);  
box-shadow:4px 4px 4px 4px rgb(64, 240, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 79.6305, -64.7653, 47.9341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 240, 0) }
```

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

```
.background{ background-color: rgb(64, 240,  
0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor