

Converting Colors

Hex(51FF08)

Have a look what the booklet for
Hex(51FF08) contains.

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Color

Hex(51FF08)

Conversions

Conversions Part 1

Format	Color
Hex	51FF08
RGB	81, 255, 8
RGB Percent	32%, 100%, 3%
CMY	0.6824, 0.0000, 0.9686
CMYK	0.68, 0.00, 0.97, 0.00
HSL	102°, 100%, 52%
HSV	102°, 97%, 100%
XYZ	39.1972, 73.2869, 12.3096
YIQ	174.8160, -24.4170, -113.7050

Conversions

Conversions Part 2

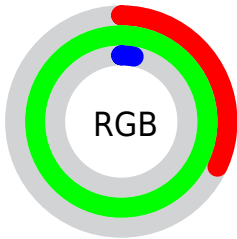
Format	Color
RYB	8, 255, 182
Decimal	5373704
CIELab	88.58, -78.62, 83.61
CIELCh	89, 114.772, 133.239
Yxy	73.2869, 0.3141, 0.5873
Android (android.graphics.Color)	4283563784 (0xFF51FF08)
YUV	174.8160, -82.2403, -82.2766
Hunter-Lab	85.6077, -68.0839, 51.4001

Details

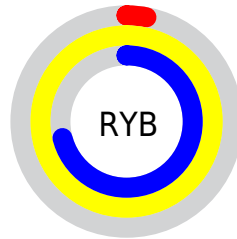
The Hex color **51FF08** is a dark color, and the websafe version is hex **66FF00**. The color can be described as dark saturated green. A complement of this color would be **B608FF**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **98FF5E**, and **00C500** is the 20% darker color. If you saturate the color by 10%, you get **4BFF00**, and if you desaturate by 10%, it is **63FF21**.

Distribution



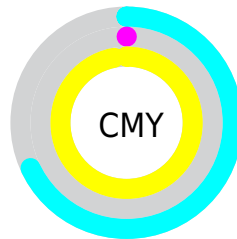
- Red (32%)
- Green (100%)
- Blue (3%)



- Red (3%)
- Yellow (100%)
- Blue (71%)



- Cyan (68%)
- Magenta (0%)
- Yellow (97%)
- Black (0%)



- Cyan (68%)
- Magenta (0%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 51FF08 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 Hex color 51FF08 by changing the saturation by 10% instead.

 51FF08

 51FF08

FFFFFF

 1BE200

 98FF5E

 00C500

 B9FF7D

 00A800

 D9FF9B

 008D00

 F9FFB9

 007200

 FFFFD7

 005700

 FFFFF5

 003F00

 002400

 000000

 51FF08

 51FF08

 4BFF00

 63FF21

 75FF3B

 87FF55

 99FF6E

 ABFF88

 BDFFA1

 CFFFBB

 E1FFD4

 F3FFEE

Harmonies

Analogous

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



DFE900



51FF08



00FF9B

Triad

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



51FF08



00FCFF



FF52B3

Complementary

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



51FF08



B608FF

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.



FF65FF



51FF08



00DCFF

Square

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



51FF08



00FFFF



FFA7FF



FF8B49

Rectangle

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



51FF08



00FFE8



FFA7FF



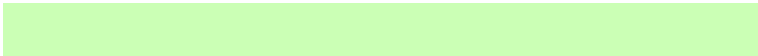
FF4CD7

Sweetspot

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



51FF08



CBFFB5



FFB508



608053



000000



808080

Same Dimension

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



51FF08



4BFF00



08FF39



778073



39BF00



134000

Inverse Universe

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



B608FF



B400FF



FF08CE



7C7380



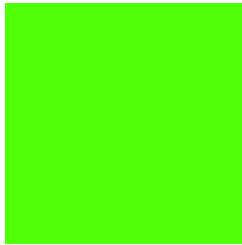
8700BF



2D0040

Previews

White Background



This preview shows how the Hex color 51FF08 looks on a white background.

Color Contrast Check

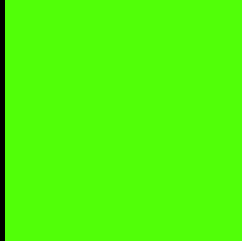
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 51FF08 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

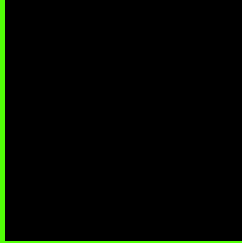
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

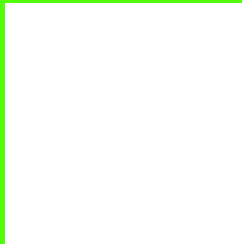
Any Text WCAG AAA ✓ Pass

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

Hex 51FF08 Background



This preview shows how black text looks on a background with the Hex color 51FF08.

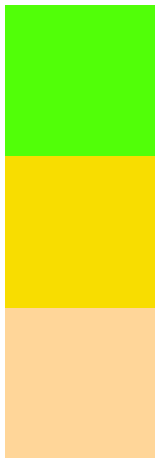


This preview shows how white text looks on a background with the Hex color 51FF08.

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](#).

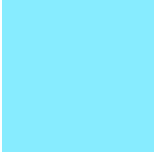
Dichromacy



Original Color
FF0000

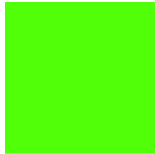
Protanopia
FFD700

Deuteranopia
90EE90



Tritanopia
87ECFF

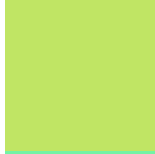
Trichromacy



Original Color
51FF08



Protanomaly
BBE903



Deuteranomaly
C0E564

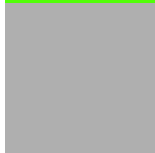


Tritanomaly
73F3A5

Monochromacy



Original Color
51FF08



Achromatopsia
AFAFAF



Achromatomaly
8DCC72

CSS Examples

Text

The CSS property to change the color of the text to Hex 51FF08 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 #51FF08 looks like.

```
.text, #text, p{  
    color:#51FF08  
}
```

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 #51FF08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #51FF08
}
```

Border

The CSS property to change the border of an element to Hex 51FF08 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".

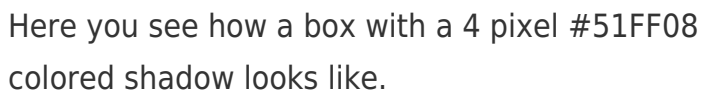
```
.border, #border, table{ border:4px solid
#51FF08 }
```

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

```
.border{ border-color:#51FF08 }
```

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

Here you see how a box with a 4 pixel #51FF08 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #51FF08; -webkit-box-shadow:4px 4px  
4px 4px #51FF08; box-shadow:4px 4px 4px  
4px #51FF08 }
```

Background

The CSS property to change the background color of an element to Hex 51FF08 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#51FF08 }
```

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

```
.background{ background-color:#51FF08 }
```

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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