

Converting Colors

Hex(50FF60)

Have a look what the booklet for
Hex(50FF60) contains.

Hex(50FF60)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(50FF60)

Conversions

Conversions Part 1

Format	Color
Hex	50FF60
RGB	80, 255, 96
RGB Percent	31%, 100%, 38%
CMY	0.6863, 0.0000, 0.6235
CMYK	0.69, 0.00, 0.62, 0.00
HSL	125°, 100%, 66%
HSV	125°, 69%, 100%
XYZ	41.1796, 74.0700, 23.1929
YIQ	184.5490, -53.2610, -86.5490

Conversions

Conversions Part 2

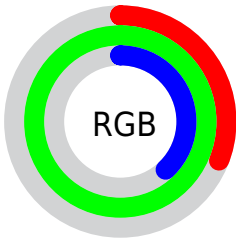
Format	Color
RYB	80, 240, 255
Decimal	5308256
CIELab	88.96, -74.05, 61.51
CIELCh	89, 96.270, 140.284
Yxy	74.0700, 0.2974, 0.5350
Android (android.graphics.Color)	4283498336 (0xFF50FF60)
YUV	184.5490, -43.6547, -91.6895
Hunter-Lab	86.0639, -65.2038, 44.2670

Details

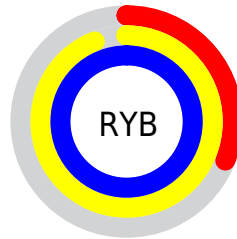
The Hex color **50FF60** is a dark color, and the websafe version is hex **33FF66**. The color can be described as middle muted spring green. A complement of this color would be **FF50EF**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **95FF98**, and **00C525** is the 20% darker color. If you saturate the color by 10%, you get **37FF49**, and if you desaturate by 10%, it is **6AFF77**.

Distribution



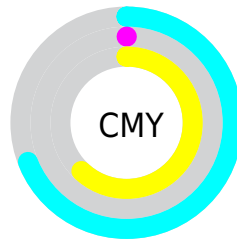
- Red (31%)
- Green (100%)
- Blue (38%)



- Red (31%)
- Yellow (94%)
- Blue (100%)



- Cyan (69%)
- Magenta (0%)
- Yellow (62%)
- Black (0%)



- Cyan (69%)
- Magenta (0%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50FF60 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 50FF60 by changing the saturation by 10% instead.

 50FF60

 50FF60

FFFFFF

 1EE244

 95FF98

 00C525

 B5FFB4

 00A800

 D5FFD1

 008D00

 F4FFEE

 007200

 005800

 003F00

 002500

 000000

■ 50FF60

■ 50FF60

■ 37FF49

■ 6AFF77

■ 1DFF32

■ 83FF8E

■ 04FF1A

■ 9DFFA6

■ 00FF17

■ B6FFBD

■ D0FFD4

■ E9FFE8

FFFFFF

Harmonies

Analogous

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



CFEE00



50FF60



00FFBD

Triad

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



50FF60



00F3FF



FF84A6

Complementary

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



50FF60



FF50EF

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.



FF82FF



50FF60



9CD4FF

Square

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



50FF60



00FFFF



FFA9FF



FFA951

Rectangle

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



50FF60



00FFFE



FFA9FF



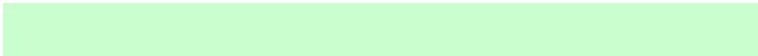
FF7EC4

Sweetspot

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



50FF60



C9FFCE



F0FF50



608063



000000



808080

Same Dimension

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



50FF60



2EFF41



50FFB6



738074



00BF11



004006

Inverse Universe

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



FF50EF



FF2EEC



FF5099



80737E



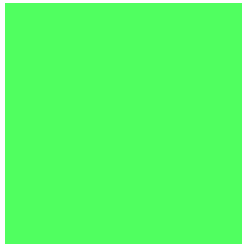
BF00AE



40003A

Previews

White Background



This preview shows how the Hex color 50FF60 looks on a white background.

Color Contrast Check

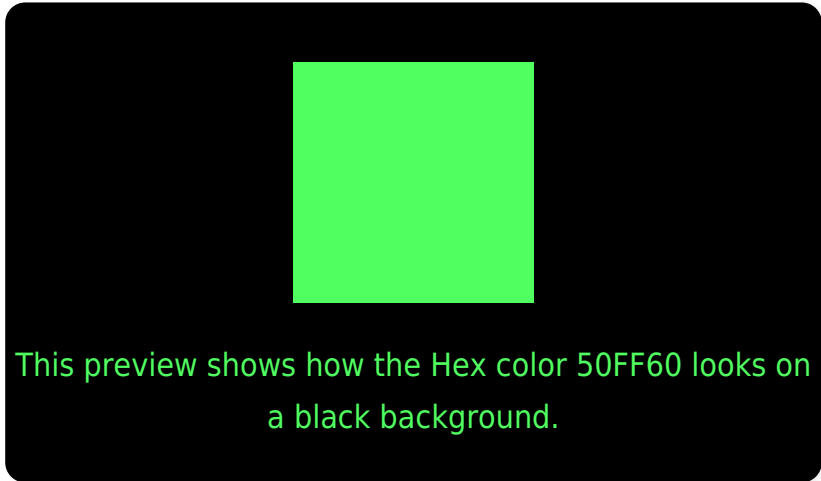
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

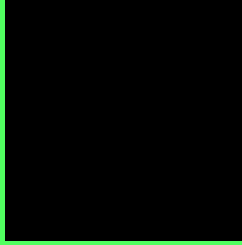
Any Text WCAG AA ✓ Pass

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 50FF60 Background



This preview shows how black text looks on a background with the Hex color 50FF60.

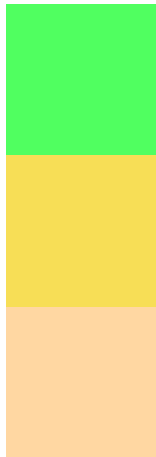


This preview shows how white text looks on a background with the Hex color 50FF60.

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](#).

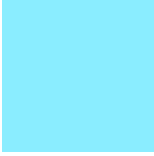
Dichromacy



Original Color
50FF60

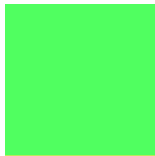
Protanopia
F7DE56

Deuteranopia
FFD7A2



Tritanopia
8AEDFF

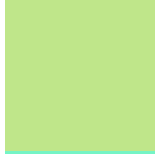
Trichromacy



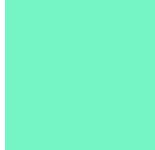
Original Color
50FF60



Protanomaly
BAEA5A



Deuteranomaly
BFE68A

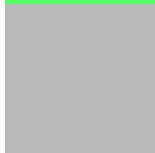


Tritanomaly
75F4C5

Monochromacy



Original Color
50FF60



Achromatopsia
B9B9B9



Achromatomaly
93D299

CSS Examples

Text

The CSS property to change the color of the text to Hex 50FF60 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 #50FF60 looks like.

```
.text, #text, p{  
    color:#50FF60  
}
```

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 #50FF60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50FF60
}
```

Border

The CSS property to change the border of an element to Hex 50FF60 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
#50FF60 }
```

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

```
.border{ border-color:#50FF60 }
```

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

Here you see how a box with a 4 pixel #50FF60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50FF60; -webkit-box-shadow:4px 4px  
4px 4px #50FF60; box-shadow:4px 4px 4px  
4px #50FF60 }
```

Background

The CSS property to change the background color of an element to Hex 50FF60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50FF60 }
```

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

```
.background{ background-color:#50FF60 }
```

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