

Converting Colors

Hex(50FA74)

Have a look what the booklet for
Hex(50FA74) contains.

Hex(50FA74)	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(50FA74)

Conversions

Conversions Part 1

Format	Color
Hex	50FA74
RGB	80, 250, 116
RGB Percent	31%, 98%, 45%
CMY	0.6863, 0.0196, 0.5451
CMYK	0.68, 0.00, 0.54, 0.02
HSL	133°, 94%, 65%
HSV	133°, 68%, 98%
XYZ	40.6463, 71.3376, 28.1503
YIQ	183.8940, -58.3060, -77.7140

Conversions

Conversions Part 2

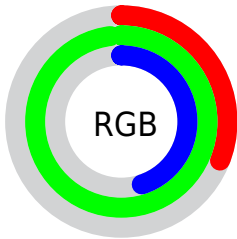
Format	Color
RYB	80, 220, 250
Decimal	5306996
CIELab	87.65, -70.06, 51.29
CIElCh	88, 86.831, 143.790
Yxy	71.3376, 0.2901, 0.5091
Android (android.graphics.Color)	4283497076 (0xFF50FA74)
YUV	183.8940, -33.4717, -91.1150
Hunter-Lab	84.4616, -61.9066, 39.3623

Details

The Hex color **50FA74** is a light color, and the websafe version is hex **66FF66**. The color can be described as light muted spring green. A complement of this color would be **FA50D6**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **94FFAB**, and **00C03F** is the 20% darker color. If you saturate the color by 10%, you get **37FA60**, and if you desaturate by 10%, it is **69FA88**.

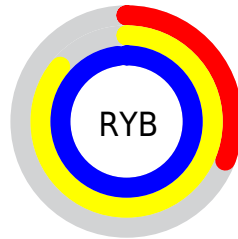
Distribution



Red (31%)

Green (98%)

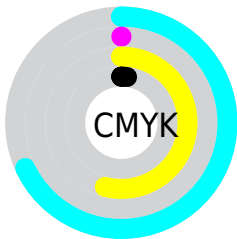
Blue (45%)



Red (31%)

Yellow (86%)

Blue (98%)

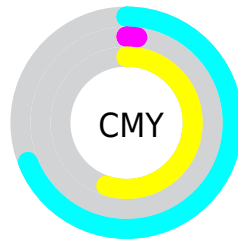


Cyan (68%)

Magenta (0%)

Yellow (54%)

Black (2%)



Cyan (69%)

Magenta (2%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 50FA74 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 50FA74 by changing the saturation by 10% instead.

 50FA74

 50FA74

FFFFFF

 21DD59


 94FFAB

 00C03F

 B3FFC7

 00A423

 D2FFE4

 008900

 F2FFFF

 006E00

 005400

 003B00

 002200

 000000

 50FA74

 50FA74

 37FA60

 69FA88

 1EFA4D

 82FA9B

 05FA39

 9BFAAF

 00FA35

 B4FAC3

 CDFAD7

 E6FAEA

 FFFAFE

 FFFAFF

Harmonies

Analogous

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



C5EB2C



50FA74



00FFC7

Triad

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



50FA74



00EBFF



FF919E

Complementary

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



50FA74



FA50D6

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.



FF8BF1



50FA74



BACDFF

Square

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



50FA74



00FCFF



FFA8FF



FFB055

Rectangle

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



50FA74



00FFFF



FFA8FF



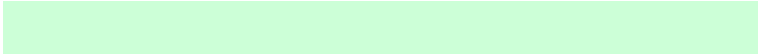
FF8BB9

Sweetspot

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



50FA74



CCFFD7



D8FA50



618067



000000



808080

Same Dimension

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



50FA74



2EFF5A



50FAC7



707D73



00BD28



003D0D

Inverse Universe

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



FA50D6



FF2ED3



FA5083



7D707A



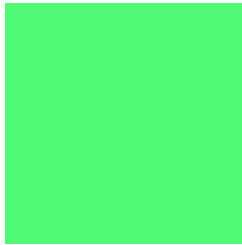
BD0095



3D0030

Previews

White Background



This preview shows how the Hex color 50FA74 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 50FA74 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 50FA74 Background



This preview shows how black text looks on a background with the Hex color 50FA74.

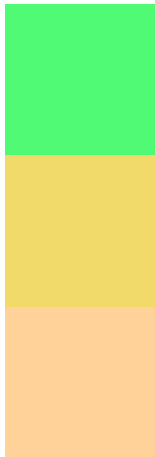


This preview shows how white text looks on a background with the Hex color 50FA74.

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](#).

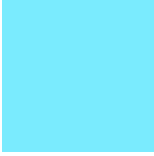
Dichromacy



Original Color
50FA74

Protanopia
F1DA69

Deuteranopia
FFD299



Tritanopia
7AEBFE

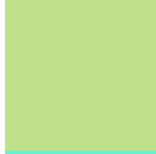
Trichromacy



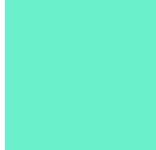
Original Color
50FA74



Protanomaly
B6E66D

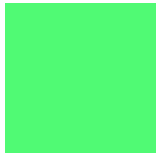


Deuteranomaly
BFE18C

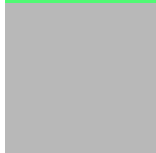


Tritanomaly
6BF0CC

Monochromacy



Original Color
50FA74



Achromatopsia
B8B8B8



Achromatomaly
92D09F

CSS Examples

Text

The CSS property to change the color of the text to Hex 50FA74 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 #50FA74 looks like.

```
.text, #text, p{  
    color:#50FA74  
}
```

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 #50FA74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #50FA74
}
```

Border

The CSS property to change the border of an element to Hex 50FA74 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
#50FA74 }
```

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

```
.border{ border-color:#50FA74 }
```

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

Here you see how a box with a 4 pixel #50FA74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #50FA74; -webkit-box-shadow:4px 4px  
4px 4px #50FA74; box-shadow:4px 4px 4px  
4px #50FA74 }
```

Background

The CSS property to change the background color of an element to Hex 50FA74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#50FA74 }
```

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

```
.background{ background-color:#50FA74 }
```

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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