

# Converting Colors

Hex(5FCA24)

Have a look what the booklet for  
Hex(5FCA24) contains.

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**Color**

**Hex(5FCA24)**

# Conversions

Conversions Part 1	
Format	Color
Hex	5FCA24
RGB	95, 202, 36
RGB Percent	37%, 79%, 14%
CMY	0.6275, 0.2078, 0.8588
CMYK	0.53, 0.00, 0.82, 0.21
HSL	99°, 70%, 47%
HSV	99°, 82%, 79%
XYZ	26.1583, 44.8013, 8.9379
YIQ	151.0830, -10.4860, -74.3100

# Conversions

## Conversions Part 2

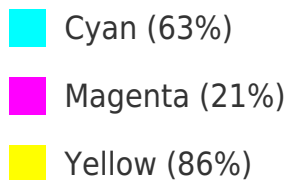
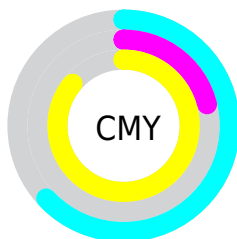
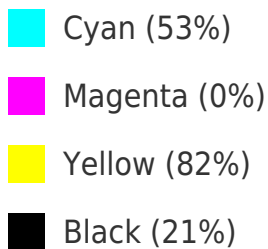
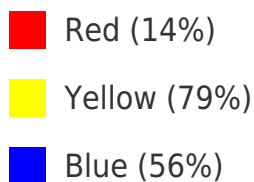
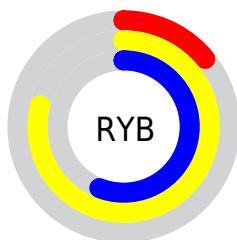
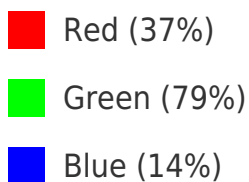
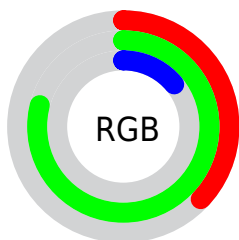
Format	Color
<a href="#">RYB</a>	<a href="#">36, 202, 143</a>
Decimal	<a href="#">6277668</a>
CIELab	<a href="#">72.76, -57.36, 66.12</a>
CIELCh	<a href="#">73, 87.528, 130.943</a>
Yxy	<a href="#">44.8013, 0.3274, 0.5607</a>
Android (android.graphics.Color)	<a href="#">4284467748</a> (0xFF5FCA24)
YUV	<a href="#">151.0830, -56.7359, -49.1848</a>
Hunter-Lab	<a href="#">66.9338, -47.3749, 38.9365</a>

# Details

The Hex color **5FCA24** is a dark color, and the websafe version is hex **66CC33**. The color can be described as dark muted green. A complement of this color would be **8F24CA**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **9BFF61**, and **139300** is the 20% darker color. If you saturate the color by 10%, you get **52CA10**, and if you desaturate by 10%, it is **6CCA38**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Hex color 5FCA24 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 5FCA24 by changing the saturation by 10% instead.



 5FCA24

 5FCA24

FFFFFF

 3FAE00

 9BFF61

 139300

 B9FF7D

 007800

 D7FF99

 005E00

 F5FFB5

 004500

 FFFFD2

 002F00

 FFFFF0

 001100

 000000

 5FCA24

 5FCA24

 52CA10

 6CCA38

 48CA00

 79CA4C

 86CA61

 93CA75

 A0CA89

 ADCA9D

 BACAB1

 C7CAC6

 D4CADA

# Harmonies

## Analogous

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



BBB800



5FCA24



00D37B

# Triad

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



5FCA24



00CAFF



FF5899

# Complementary

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



5FCA24



8F24CA

# 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.



FF66E9



5FCA24



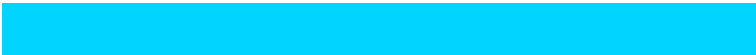
00B3FF

# Square

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



5FCA24



00D4FF



D98EFF



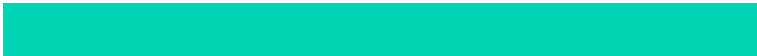
FF764C

# Rectangle

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



5FCA24



00D6B3



D98EFF



FF57B4

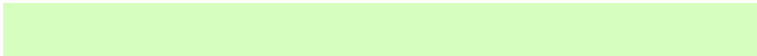


# Sweetspot

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



5FCA24



D6FFBF



CA8D24



678059



000000



808080



# Same Dimension

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



5FCA24



5CFF03



24CA3A



5F665C



3BA600



0E2600



# Inverse Universe

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



8F24CA



A503FF



CA24B4



625C66



6B00A6

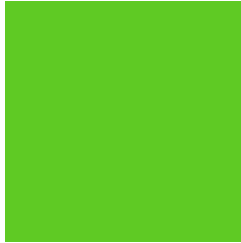


190026



# Previews

## White Background



This preview shows how the Hex color 5FCA24 looks on a white background.

## Color Contrast Check

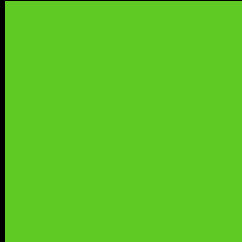
Large Text (above 18pt) WCAG AA × Fail

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 5FCA24 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 5FCA24 Background



This preview shows how black text looks on a background with the Hex color 5FCA24.



This preview shows how white text looks on a background with the Hex color 5FCA24.

# 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](#).

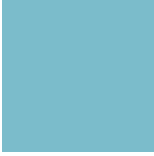
## Dichromacy



**Original Color**  
5FCA24

**Protanopia**  
C8B21D

**Deuteranopia**  
DEA836



# Tritanopia

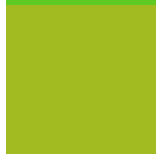
7BBCCB

# Trichromacy



**Original Color**

5FCA24



**Protanomaly**

A2BB20



**Deuteranomaly**

B0B42F



**Tritanomaly**

71C18E

# Monochromacy



**Original Color**

5FCA24



**Achromatopsia**

979797



**Achromatomaly**

83AA6D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5FCA24 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 #5FCA24 looks like.

```
.text, #text, p{  
    color:#5FCA24  
}
```

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 #5FCA24 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5FCA24
}
```

## Border

The CSS property to change the border of an element to Hex 5FCA24 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
#5FCA24 }
```

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

```
.border{ border-color:#5FCA24 }
```

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

Here you see how a box with a 4 pixel #5FCA24 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5FCA24; -webkit-box-shadow:4px 4px  
4px 4px #5FCA24; box-shadow:4px 4px 4px  
4px #5FCA24 }
```

# Background

The CSS property to change the background color of an element to Hex 5FCA24 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5FCA24 }
```

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

```
.background{ background-color:#5FCA24 }
```

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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