

Converting Colors

Hex(F5C927)

Have a look what the booklet for
Hex(F5C927) contains.

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Color

Hex(F5C927)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F5C927 |
| RGB | 245, 201, 39 |
| RGB Percent | 96%, 79%, 15% |
| CMY | 0.0392, 0.2118, 0.8471 |
| CMYK | 0.00, 0.18, 0.84, 0.04 |
| HSL | 47°, 91%, 56% |
| HSV | 47°, 84%, 96% |
| XYZ | 58.9090, 61.3322, 10.6529 |
| YIQ | 195.6880, 78.2260, -41.0540 |

Conversions

Conversions Part 2

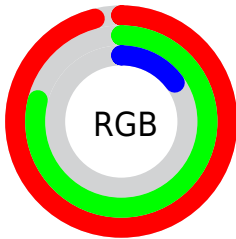
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 95, 245, 39 |
| Decimal | 16107815 |
| CIE Lab | 82.56, 1.49, 77.77 |
| CIE LCh | 83, 77.782, 88.904 |
| Yxy | 61.3322, 0.4501, 0.4686 |
| Android (android.graphics.Color) | 4294297895 (0xFFFF5C927) |
| YUV | 195.6880, -77.2472, 43.2466 |
| Hunter-Lab | 78.3149, -2.7821, 46.7554 |

Details

The Hex color **F5C927** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light washed yellow. A complement of this color would be **2753F5**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **FFFF65**, and **B89300** is the 20% darker color. If you saturate the color by 10%, you get **F5C40F**, and if you desaturate by 10%, it is **F5CE40**.

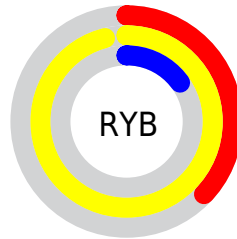
Distribution



Red (96%)

Green (79%)

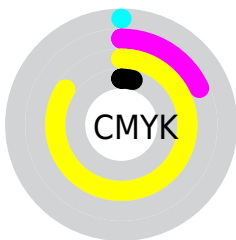
Blue (15%)



Red (37%)

Yellow (96%)

Blue (15%)

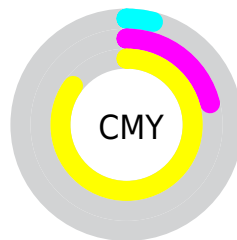


Cyan (0%)

Magenta (18%)

Yellow (84%)

Black (4%)



Cyan (4%)

Magenta (21%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color F5C927 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 F5C927 by changing the saturation by 10% instead.

 F5C927

 F5C927

FFFFFF

 D6AE00

 FFFF65

 B89300

 FFFF82

 9A7A00

 FFFF9F

 7D6100

 FFFFBB

 604A00

 FFFFD9

 453400

 FFFFF6

 2C1F00

 110800

 000000

 F5C927

 F5C927

 F5C40F

 F5CE40

 F5C100

 F5D358

 F5D971

 F5DE89

 F5E3A2

 F5E8BA

 F5EED3

 F5F3EB

 F5F8FF

Harmonies

Analogous

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



FFAD4E



F5C927



ADDE40

Triad

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



F5C927



00EFFF



FF9BFF

Complementary

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



F5C927



2753F5

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.



C8BBFF



F5C927



00E8FF

Square

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



F5C927



00F0C8



00D7FF



FF87D3

Rectangle

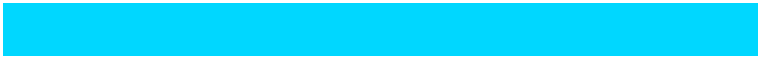
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



F5C927



6DE767



00D7FF



FFA6FF

Sweetspot

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



F5C927



FFF1BF



F52754



807759



000000



808080

Same Dimension

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



F5C927



FFC900



BBF527



7A786E



BA9200



3B2E00

Inverse Universe

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



2753F5



0036FF



6127F5



6E717A



0028BA



000D3B

Previews

White Background



This preview shows how the Hex color F5C927 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 F5C927 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 F5C927 Background



This preview shows how black text looks on a background with the Hex color F5C927.



This preview shows how white text looks on a background with the Hex color F5C927.

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

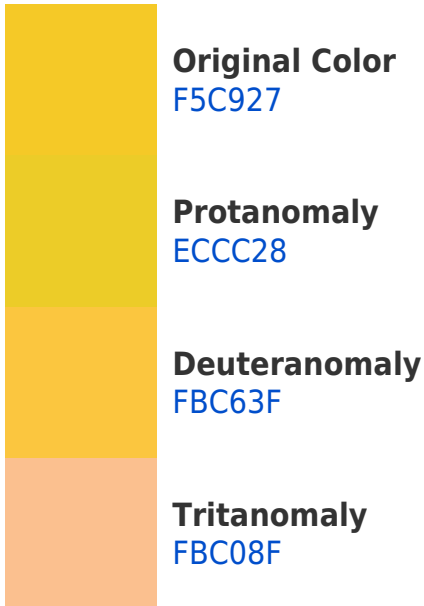


Original Color
F5C927

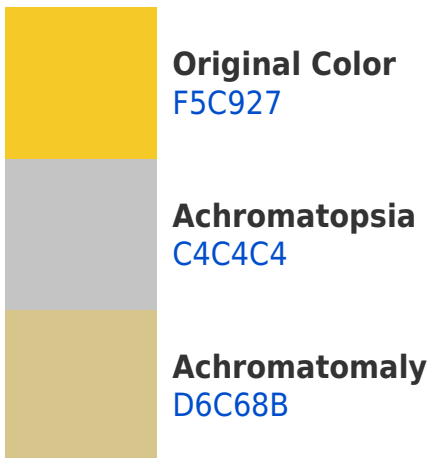
Protanopia
E7CE28

Deuteranopia
FFC44D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F5C927 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 #F5C927 looks like.

```
.text, #text, p{  
    color:#F5C927  
}
```

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 #F5C927 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F5C927
}
```

Border

The CSS property to change the border of an element to Hex F5C927 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
#F5C927 }
```

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

```
.border{ border-color:#F5C927 }
```

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

Here you see how a box with a 4 pixel #F5C927 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F5C927; -webkit-box-shadow:4px 4px  
4px 4px #F5C927; box-shadow:4px 4px 4px  
4px #F5C927 }
```

Background

The CSS property to change the background color of an element to Hex F5C927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F5C927 }
```

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

```
.background{ background-color:#F5C927 }
```

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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