

Converting Colors

Hex(F0D05E)

Have a look what the booklet for
Hex(F0D05E) contains.

Hex(F0D05E)	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(F0D05E)

Conversions

Conversions Part 1

Format	Color
Hex	F0D05E
RGB	240, 208, 94
RGB Percent	94%, 82%, 37%
CMY	0.0588, 0.1843, 0.6314
CMYK	0.00, 0.13, 0.61, 0.06
HSL	47°, 83%, 65%
HSV	47°, 61%, 94%
XYZ	60.5114, 64.4452, 19.8395
YIQ	204.5720, 55.6660, -28.6700

Conversions

Conversions Part 2

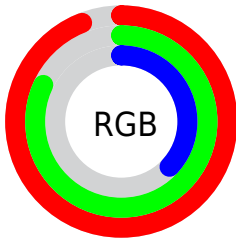
Format	Color
RYB	135, 240, 94
Decimal	15781982
CIELab	84.20, -1.75, 59.37
CIElCh	84, 59.395, 91.689
Yxy	64.4452, 0.4179, 0.4451
Android (android.graphics.Color)	4293972062 (0xFFFF0D05E)
YUV	204.5720, -54.5120, 31.0704
Hunter-Lab	80.2777, -5.9371, 41.5417

Details

The Hex color **F0D05E** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **5E7EF0**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **FFFF94**, and **B59A27** is the 20% darker color. If you saturate the color by 10%, you get **F0CB46**, and if you desaturate by 10%, it is **F0D576**.

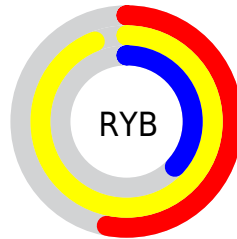
Distribution



Red (94%)

Green (82%)

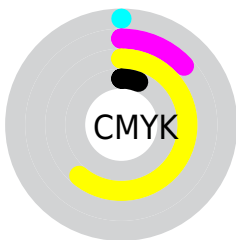
Blue (37%)



Red (53%)

Yellow (94%)

Blue (37%)

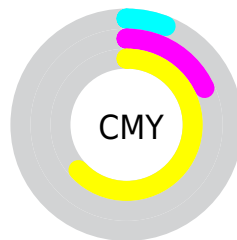


Cyan (0%)

Magenta (13%)

Yellow (61%)

Black (6%)



Cyan (6%)

Magenta (18%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0D05E 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 F0D05E by changing the saturation by 10% instead.

 F0D05E

 F0D05E

FFFFFF

 D2B543

 FFFF94

 B59A27

 FFFFB0

 988000

 FFFFCC

 7C6700

 FFFFEE9

 614F00

 453900

 2C2400

 110F00

 000000

 F0D05E

 F0D05E

 F0CB46

 F0D576

 F0C52E

 F0DB8E

 F0C016

 F0E0A6

 F0BB00

 F0E5BE

 F0EAD6

 F0F0EE

 F0F5FF

 F0FAFF

 F0FFFF

Harmonies

Analogous

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



FFBC70



F0D05E



B6E06F

Triad

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



F0D05E



00EDFF



FFADFF

Complementary

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



F0D05E



5E7EF0

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.



DAC2FF



F0D05E



00E6FF

Square

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



F0D05E



00EED4



72D7FF



FFA2D1

Rectangle

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



F0D05E



88E78A



72D7FF



FFB4FF

Sweetspot

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



F0D05E



FFF5D1



F05E80



807963



000000



808080

Same Dimension

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



F0D05E



FFD645



C9F05E



78756C



B88F00



382C00

Inverse Universe

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



5E7EF0



456EFF



855EF0



6C6E78



0028B8



000C38

Previews

White Background



This preview shows how the Hex color F0D05E looks on a white background.

Color Contrast Check

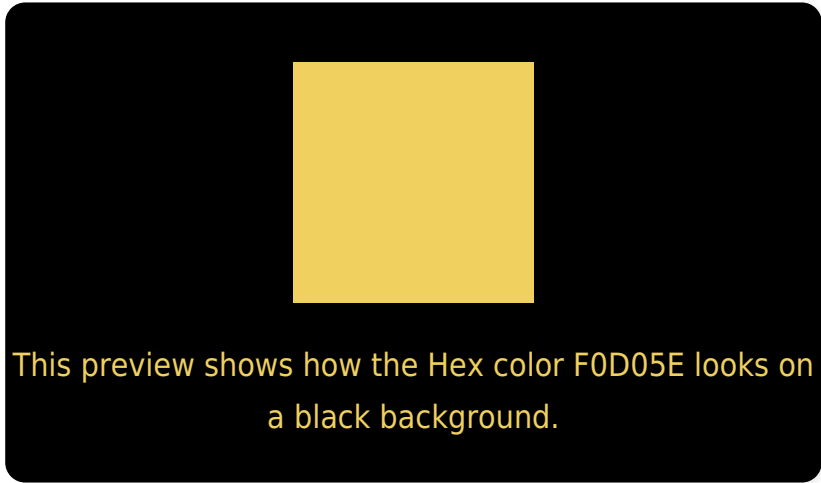
Large Text (above 18pt) WCAG AA × Fail

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 F0D05E Background



This preview shows how black text looks on a background with the Hex color F0D05E.

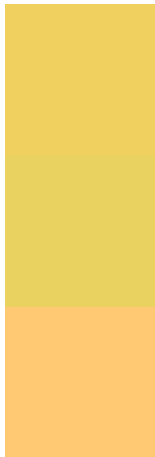


This preview shows how white text looks on a background with the Hex color F0D05E.

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
F0D05E

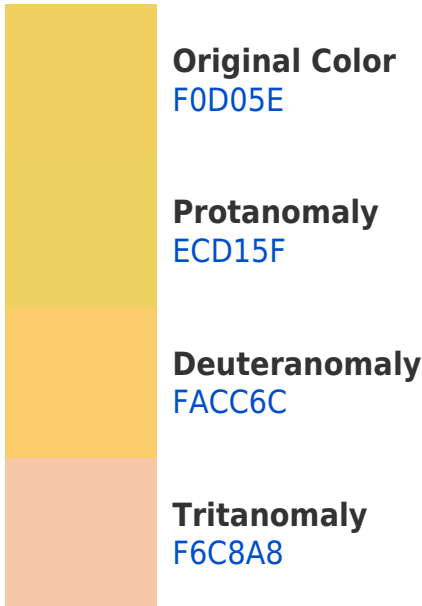
Protanopia
E9D25F

Deuteranopia
FFC974



Tritanopia
FAC4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0D05E 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 #F0D05E looks like.

```
.text, #text, p{  
    color:#F0D05E  
}
```

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 #F0D05E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0D05E
}
```

Border

The CSS property to change the border of an element to Hex F0D05E 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
#F0D05E }
```

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

```
.border{ border-color:#F0D05E }
```

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

Here you see how a box with a 4 pixel #F0D05E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0D05E; -webkit-box-shadow:4px 4px  
4px 4px #F0D05E; box-shadow:4px 4px 4px  
4px #F0D05E }
```

Background

The CSS property to change the background color of an element to Hex F0D05E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0D05E }
```

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

```
.background{ background-color:#F0D05E }
```

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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