

Converting Colors

Hex(F0B366)

Have a look what the booklet for
Hex(F0B366) contains.

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Color

Hex(F0B366)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F0B366 |
| RGB | 240, 179, 102 |
| RGB Percent | 94%, 70%, 40% |
| CMY | 0.0588, 0.2980, 0.6000 |
| CMYK | 0.00, 0.25, 0.57, 0.06 |
| HSL | 33°, 82%, 67% |
| HSV | 33°, 57%, 94% |
| XYZ | 54.4536, 51.7248, 19.6842 |
| YIQ | 188.4610, 61.0730, -11.0150 |

Conversions

Conversions Part 2

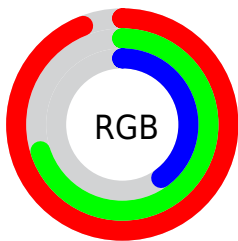
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 211, 240, 102 |
| Decimal | 15774566 |
| CIE _{Lab} | 77.12, 13.91, 47.46 |
| CIE _{LCh} | 77, 49.453, 73.664 |
| Yxy | 51.7248, 0.4326, 0.4110 |
| Android (android.graphics.Color) | 4293964646 (0xFFFF0B366) |
| YUV | 188.4610, -42.6253, 45.1997 |
| Hunter-Lab | 71.9199, 9.2898, 34.1165 |

Details

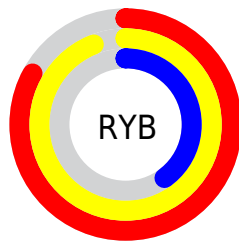
The Hex color **F0B366** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **66A3F0**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **FFEB9B**, and **B57E34** is the 20% darker color. If you saturate the color by 10%, you get **F0A84E**, and if you desaturate by 10%, it is **F0BE7E**.

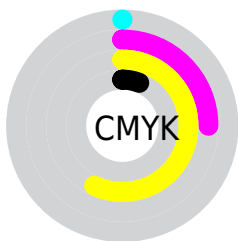
Distribution



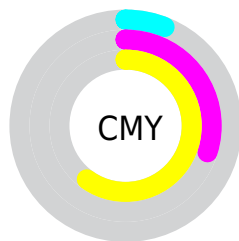
- Red (94%)
- Green (70%)
- Blue (40%)



- Red (83%)
- Yellow (94%)
- Blue (40%)



- Cyan (0%)
- Magenta (25%)
- Yellow (57%)
- Black (6%)



- Cyan (6%)
- Magenta (30%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color F0B366 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 F0B366 by changing the saturation by 10% instead.

 F0B366

 F0B366

FFFFFF

 D2984D

 FFE99B

 B57E34

 FFFF80

 98651A

 FFFFD2

 7B4D00

 FFFFEF

 603700

 452100

 2B0D00

 040000

 000000

 F0B366

 F0B366

 F0A84E

 F0BE7E

 F09E36

 F0C896

 F0931E

 F0D3AE

 F08906

 F0DDC6

 F08600

 F0E8DE

 F0F3F6

 F0FDFF

 F0FFFF

Harmonies

Analogous

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



FFA381



F0B366



C6C263

Triad

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



F0B366



00D6D3



DEAAFF

Complementary

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



F0B366



66A3F0

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.



9ABCFF



F0B366



00D3FC

Square

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



F0B366



51D4A3



2ECAFF



FF9CD9

Rectangle

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



F0B366



A5CB70



2ECAFF



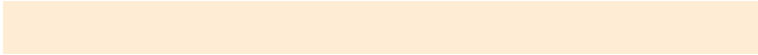
CAB0FF

Sweetspot

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



F0B366



FFECD4



F066A4



807466



000000



808080

Same Dimension

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



F0B366



FFB14F



E9F066



78736C



B86600



381F00

Inverse Universe

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



66A3F0



4F9DFF



6D66F0



6C7178



0051B8



001938

Previews

White Background



This preview shows how the Hex color F0B366 looks on a white background.

Color Contrast Check

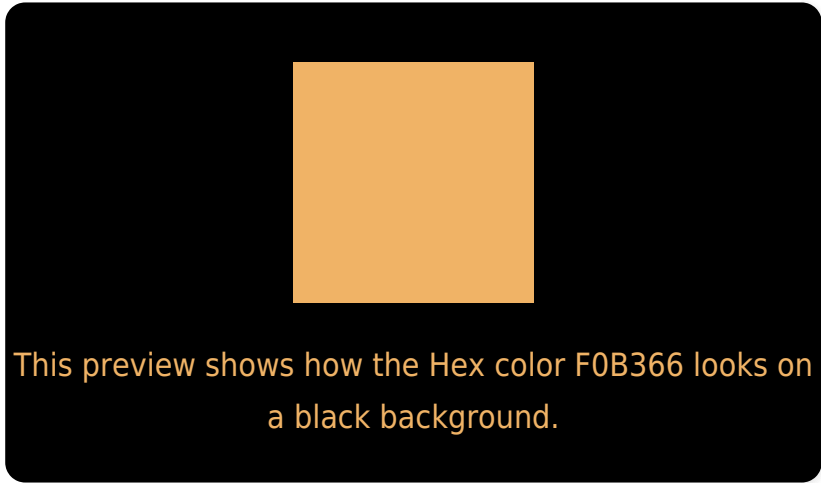
Large Text (above 18pt) WCAG AA × Fail

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 F0B366 Background



This preview shows how black text looks on a background with the Hex color F0B366.

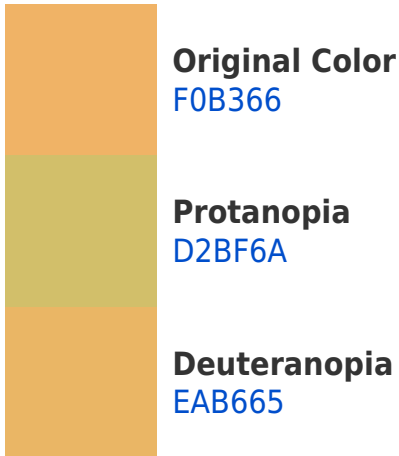


This preview shows how white text looks on a background with the Hex color F0B366.

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](#).

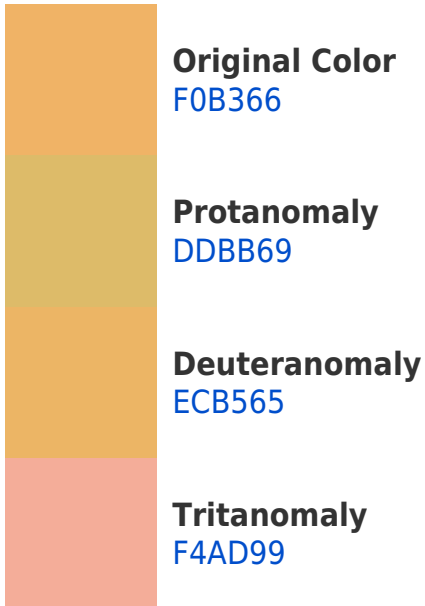
Dichromacy





Tritanopia
F6AAB6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex F0B366 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 #F0B366 looks like.

```
.text, #text, p{  
    color:#F0B366  
}
```

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 #F0B366 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0B366
}
```

Border

The CSS property to change the border of an element to Hex F0B366 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
#F0B366 }
```

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

```
.border{ border-color:#F0B366 }
```

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

Here you see how a box with a 4 pixel #F0B366 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0B366; -webkit-box-shadow:4px 4px  
4px 4px #F0B366; box-shadow:4px 4px 4px  
4px #F0B366 }
```

Background

The CSS property to change the background color of an element to Hex F0B366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0B366 }
```

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

```
.background{ background-color:#F0B366 }
```

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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