

Converting Colors

Decimal(15776578)

Have a look what the booklet for
Decimal(15776578) contains.

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Color

Decimal(15776578)

Conversions

Conversions Part 1

Format	Color
Hex	F0BB42
RGB	240, 187, 66
RGB Percent	94%, 73%, 26%
CMY	0.0588, 0.2667, 0.7412
CMYK	0.00, 0.22, 0.72, 0.06
HSL	42°, 85%, 60%
HSV	42°, 72%, 94%
XYZ	54.6889, 54.4593, 12.7835
YIQ	189.0530, 70.4290, -26.3950

Conversions

Conversions Part 2

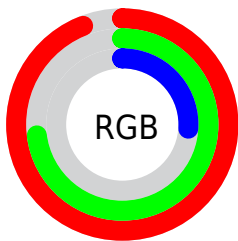
Format	Color
RYB	142, 240, 66
Decimal	15776578
CIELab	78.73, 7.56, 65.39
CIElCh	79, 65.828, 83.409
Yxy	54.4593, 0.4485, 0.4466
Android (android.graphics.Color)	4293966658 (0xFFFF0BB42)
YUV	189.0530, -60.6651, 44.6805
Hunter-Lab	73.7965, 3.1383, 41.3869

Details

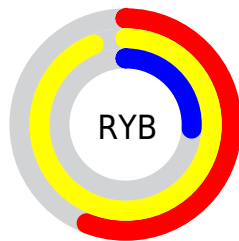
The Decimal color **15776578** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light washed orange. A complement of this color would be **4356080**, and the grayscale version is **12500670**.

A 20% lighter version of the original color is **16774009**, and **11830784** is the 20% darker color. If you saturate the color by 10%, you get **15774762**, and if you desaturate by 10%, it is **15778394**.

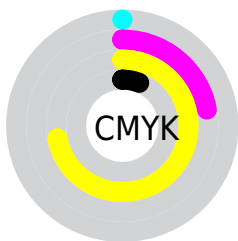
Distribution



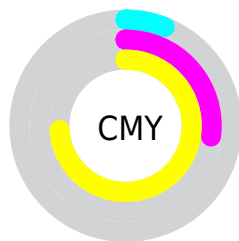
- Red (94%)
- Green (73%)
- Blue (26%)



- Red (56%)
- Yellow (94%)
- Blue (26%)



- Cyan (0%)
- Magenta (22%)
- Yellow (72%)
- Black (6%)




















- Cyan (6%)
- Magenta (27%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15776578 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 Decimal color 15776578 by changing the saturation by 10% instead.

 15776578	 15776578
 16777215	 13803556
 16774009	 11830784
 16777108	 9858304
 16777136	 8017152
 16777165	 6110720
 16777194	 4335616
	 2692096
	 327680
	 0

 15776578

 15776578

 15774762

 15778394

 15772690

 15780466

 15771392

 15782282

 15784098

 15786170

 15787986

 15789802

 15791615

 15793663

Harmonies

Analogous

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



16753505



15776578



11914826

Triad

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



15776578



57842



16752639

Complementary

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



15776578



4356080

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.



11450623



15776578



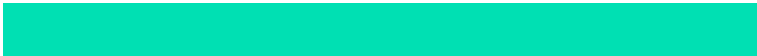
56319

Square

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



15776578



57523



52991



16747987

Rectangle

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



15776578



8836965



52991



15378431

Sweetspot

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



15776578



16772807



15745657



8418654



0



8421504

Same Dimension

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



15776578



16759585



13692994



7894124



12091392



3680000

Inverse Universe

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



4356080



2188799



6439664



7106680



14520



4408

Previews

White Background



This preview shows how the Decimal color 15776578 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 Decimal color 15776578 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](#).

Decimal 15776578 Background



This preview shows how black text looks on a background with the Decimal color 15776578.



This preview shows how white text looks on a background with the Decimal color 15776578.

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
15776578

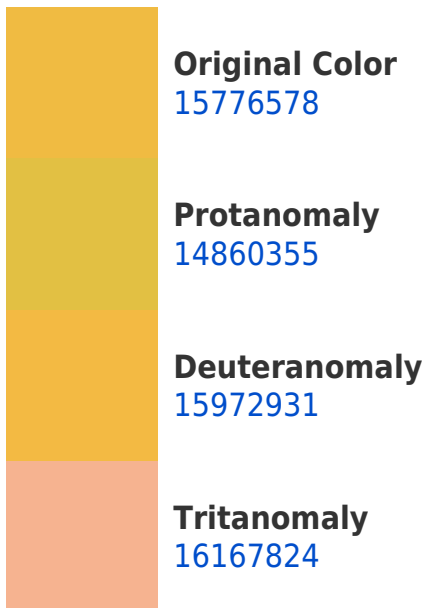
Protanopia
14336836

Deuteranopia
16038211



Tritanopia
16363452

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15776578 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 #F0BB42 looks like.

```
.text, #text, p{  
    color:#F0BB42  
}
```

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 #F0BB42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F0BB42
}
```

Border

The CSS property to change the border of an element to Decimal 15776578 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
#F0BB42 }
```

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

```
.border{ border-color:#F0BB42 }
```

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

Here you see how a box with a 4 pixel #F0BB42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F0BB42; -webkit-box-shadow:4px 4px  
4px 4px #F0BB42; box-shadow:4px 4px 4px  
4px #F0BB42 }
```

Background

The CSS property to change the background color of an element to Decimal 15776578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F0BB42 }
```

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

```
.background{ background-color:#F0BB42 }
```

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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