

# Converting Colors

Decimal(15910010)

Have a look what the booklet for  
Decimal(15910010) contains.

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# **Color**

**Decimal(15910010)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F2C47A
RGB	242, 196, 122
RGB Percent	95%, 77%, 48%
CMY	0.0510, 0.2314, 0.5216
CMYK	0.00, 0.19, 0.50, 0.05
HSL	37°, 82%, 71%
HSV	37°, 50%, 95%
XYZ	59.8707, 59.7622, 26.7921
YIQ	201.3180, 51.1700, -13.2620

# Conversions

## Conversions Part 2

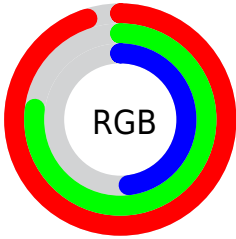
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	197, 242, 122
Decimal	15910010
CIE Lab	81.71, 7.45, 43.14
CIE LCh	82, 43.775, 80.200
Yxy	59.7622, 0.4089, 0.4081
Android (android.graphics.Color)	4294100090 (0xFFFF2C47A)
YUV	201.3180, -39.1038, 35.6781
Hunter-Lab	77.3060, 2.9562, 33.5660

# Details

The Decimal color **15910010** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **8038642**, and the grayscale version is **13290186**.

A 20% lighter version of the original color is **16776368**, and **12029511** is the 20% darker color. If you saturate the color by 10%, you get **15907682**, and if you desaturate by 10%, it is **15912338**.

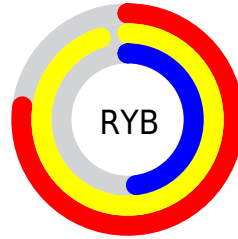
# Distribution



Red (95%)

Green (77%)

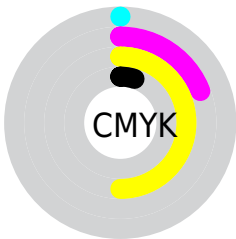
Blue (48%)



Red (77%)

Yellow (95%)

Blue (48%)

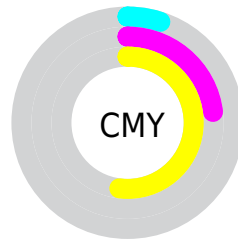


Cyan (0%)

Magenta (19%)

Yellow (50%)

Black (5%)



Cyan (5%)

Magenta (23%)
















Yellow (52%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15910010 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 15910010 by changing the saturation by 10% instead.



 15910010	 15910010
 16777215	 13936992
 16776368	 12029511
 16777163	 10188079
 16777192	 8346646
	 6571264
	 4861696
	 3152384
	 1507328
	 0

 15910010

 15910010

 15907682

 15912338

 15905098

 15914922

 15902769

 15917251

 15900441

 15919579

 15898113

 15921907

 15897856

 15924479

 15925247

# Harmonies

## Analogous

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



16758414



15910010



13291901

# Triad

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



15910010



2154982



15906815

# Complementary

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



15910010



8038642

# 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.



12371455



15910010



2481663

# Square

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



15910010



6676668



7853055



16755930

# Rectangle

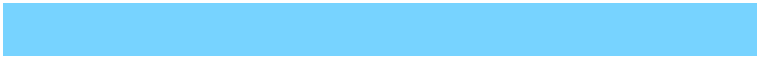
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15910010



11262091



7853055



14859263

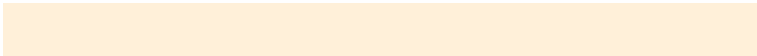


# Sweetspot

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



15910010



16773337



15891112



8419177



0



8421504



# Same Dimension

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



15910010



16761958



15004282



7893868



12087552



3678976



# Inverse Universe

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



8038642



6726143



8944370



7106680



18104



5688



# Previews

## White Background



This preview shows how the Decimal color 15910010 looks on a white background.

## Color Contrast Check

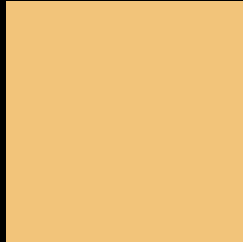
Large Text (above 18pt) WCAG AA × Fail

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 15910010 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 15910010 Background



This preview shows how black text looks on a background with the Decimal color 15910010.

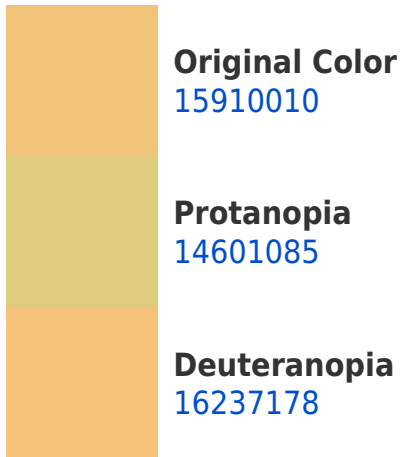



This preview shows how white text looks on a background with the Decimal color 15910010.

# 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](#).

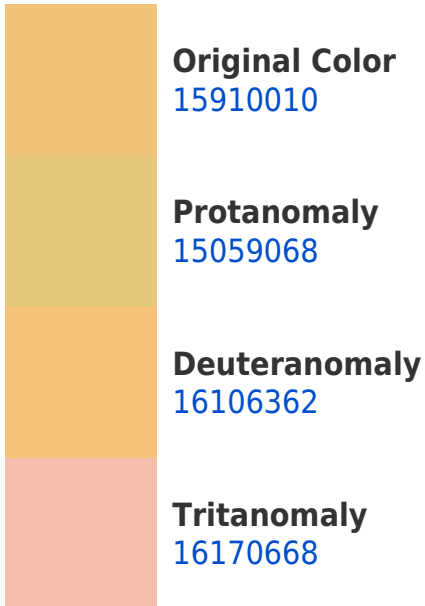
## Dichromacy



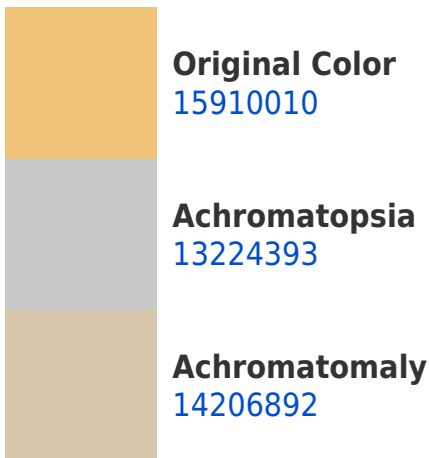


**Tritanopia**  
16366281

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15910010 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 #F2C47A looks like.

```
.text, #text, p{  
    color:#F2C47A  
}
```

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 #F2C47A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2C47A
}
```

## Border

The CSS property to change the border of an element to Decimal 15910010 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
#F2C47A }
```

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

```
.border{ border-color:#F2C47A }
```

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

Here you see how a box with a 4 pixel #F2C47A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2C47A; -webkit-box-shadow:4px 4px  
4px 4px #F2C47A; box-shadow:4px 4px 4px  
4px #F2C47A }
```

# Background

The CSS property to change the background color of an element to Decimal 15910010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2C47A }
```

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

```
.background{ background-color:#F2C47A }
```

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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