

Converting Colors

Decimal(15903840)

Have a look what the booklet for
Decimal(15903840) contains.

Decimal(15903840)	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

Decimal(15903840)

Conversions

Conversions Part 1

Format	Color
Hex	F2AC60
RGB	242, 172, 96
RGB Percent	95%, 67%, 38%
CMY	0.0510, 0.3255, 0.6235
CMYK	0.00, 0.29, 0.60, 0.05
HSL	31°, 85%, 66%
HSV	31°, 60%, 95%
XYZ	53.4818, 49.2268, 17.7493
YIQ	184.2660, 66.1160, -8.7960

Conversions

Conversions Part 2

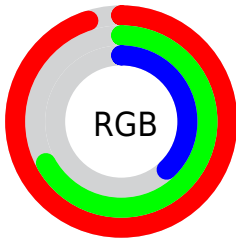
Format	Color
R_{YB}	230, 242, 96
Decimal	15903840
CIE _{Lab}	75.59, 17.99, 48.66
CIE _{LCh}	76, 51.884, 69.709
Yxy	49.2268, 0.4440, 0.4087
Android (android.graphics.Color)	4294093920 (0xFFFF2AC60)
YUV	184.2660, -43.5151, 50.6327
Hunter-Lab	70.1618, 13.2808, 34.1143

Details

The Decimal color **15903840** is a light color, and the websafe version is hex **CC9933**. A complement of this color would be **6334194**, and the grayscale version is **12171705**.

A 20% lighter version of the original color is **16769940**, and **11958318** is the 20% darker color. If you saturate the color by 10%, you get **15900744**, and if you desaturate by 10%, it is **15906936**.

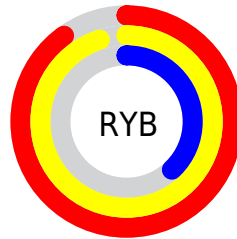
Distribution



Red (95%)

Green (67%)

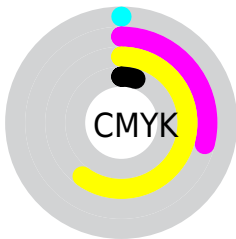
Blue (38%)



Red (90%)

Yellow (95%)

Blue (38%)

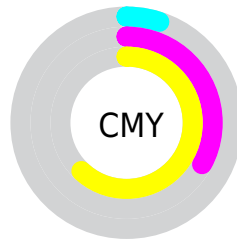


Cyan (0%)

Magenta (29%)

Yellow (60%)

Black (5%)



Cyan (5%)

Magenta (33%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15903840 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 15903840 by changing the saturation by 10% instead.

 15903840

 15903840

16777215

 13930823

 16769940

 11958318

 16777136

 10051347


 16777164

 8144640

 16777192

 6369280

 4528896

 2819328

 0

 15903840

 15903840

 15900744

 15906936

 15897904

 15909776

 15894807

 15912873

 15891968

 15915713

 15918809

 15921905

 15924735

 15925247

Harmonies

Analogous

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



16751487



15903840



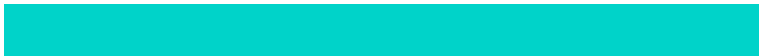
13155673

Triad

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



15903840



54217



13871359

Complementary

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



15903840



6334194

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.



8895231



15903840



53494

Square

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



15903840



5230743



51455



16750557

Rectangle

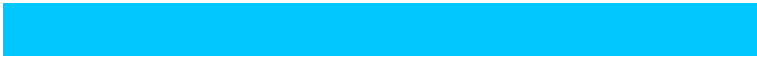
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15903840



10995044



51455



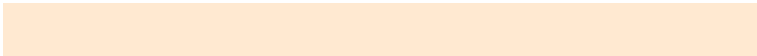
12431103

Sweetspot

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



15903840



16771537



15884455



8417891



0



8421504

Same Dimension

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



15903840



16754503



15790688



7893612



12083200



3677440

Inverse Universe

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



6334194



4694015



6447346



7107192



22712



6968

Previews

White Background



This preview shows how the Decimal color 15903840 looks on a white background.

Color Contrast Check

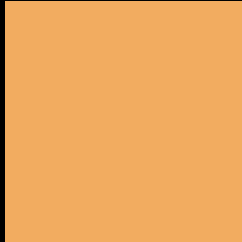
Large Text (above 18pt) WCAG AA × Fail

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 15903840 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 15903840 Background



This preview shows how black text looks on a background with the Decimal color 15903840.



This preview shows how white text looks on a background with the Decimal color 15903840.

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
15903840

Protanopia
13482853

Deuteranopia
15053407



Tritanopia
16294831

Trichromacy



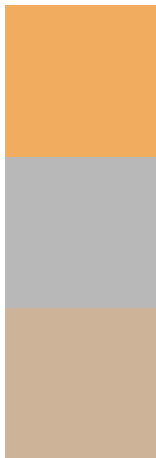
Original Color
15903840

Protanomaly
14333539

Deuteranomaly
15380575

Tritanomaly
16164498

Monochromacy



Original Color
15903840

Achromatopsia
12105912

Achromatomaly
13481112

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15903840 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 #F2AC60 looks like.

```
.text, #text, p{  
    color:#F2AC60  
}
```

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 #F2AC60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F2AC60
}
```

Border

The CSS property to change the border of an element to Decimal 15903840 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
#F2AC60 }
```

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

```
.border{ border-color:#F2AC60 }
```

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

Here you see how a box with a 4 pixel #F2AC60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F2AC60; -webkit-box-shadow:4px 4px  
4px 4px #F2AC60; box-shadow:4px 4px 4px  
4px #F2AC60 }
```

Background

The CSS property to change the background color of an element to Decimal 15903840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F2AC60 }
```

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

```
.background{ background-color:#F2AC60 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor