

Converting Colors

Decimal(15954096)

Have a look what the booklet for
Decimal(15954096) contains.

Decimal(15954096)	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(15954096)

Conversions

Conversions Part 1

Format	Color
Hex	F370B0
RGB	243, 112, 176
RGB Percent	95%, 44%, 69%
CMY	0.0471, 0.5608, 0.3098
CMYK	0.00, 0.54, 0.28, 0.05
HSL	331°, 85%, 70%
HSV	331°, 54%, 95%
XYZ	50.5928, 33.7776, 44.9275
YIQ	158.4650, 57.5320, 47.6760

Conversions

Conversions Part 2

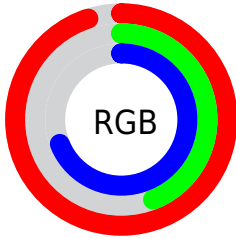
Format	Color
R _Y B	243, 112, 176
Decimal	15954096
CIE Lab	64.79, 57.00, -9.61
CIE LCh	65, 57.806, 350.431
Yxy	33.7776, 0.3913, 0.2612
Android (android.graphics.Color)	4294144176 (0xFFFF370B0)
YUV	158.4650, 8.6448, 74.1372
Hunter-Lab	58.1185, 53.6788, -5.1501

Details

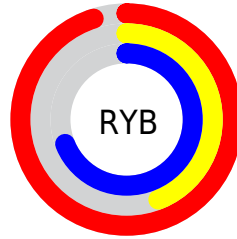
The Decimal color **15954096** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **7402419**, and the grayscale version is **10395294**.

A 20% lighter version of the original color is **16754920**, and **12073084** is the 20% darker color. If you saturate the color by 10%, you get **15947940**, and if you desaturate by 10%, it is **15960252**.

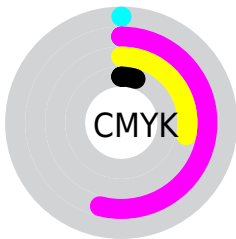
Distribution



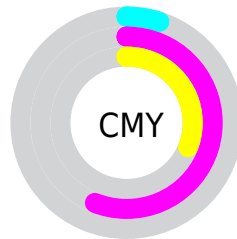
- Red (95%)
- Green (44%)
- Blue (69%)



- Red (95%)
- Yellow (44%)
- Blue (69%)



- Cyan (0%)
- Magenta (54%)
- Yellow (28%)
- Black (5%)



- Cyan (5%)
- Magenta (56%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15954096 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 15954096 by changing the saturation by 10% instead.

 15954096

 15954096

16777215

 13980821

 16754920

 12073084

 16762111

 10163811

 16769535

 8257611

 6422580

 4653087

 3014659

 0

 15954096

 15954096

15947940

15960252

15941527

15966665

15935371

15972821

15929214

15978978

15925367

15985134

15990779

15990783

Harmonies

Analogous

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



13402592



15954096



16543868

Triad

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



15954096



9938228



45804

Complementary

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



15954096



7402419

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.



46784



15954096



5812312

Square

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



15954096



13079857



46474



43263

Rectangle

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



15954096



15956573



46474



46303

Sweetspot

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



15954096



16766698



11694323



8415091



0



8421504

Same Dimension

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



15954096



16734634



15954032



8023668



12189787



3866653

Inverse Universe

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



15954096



16734634



7402483



8023668



12189787



3866653

Previews

White Background



This preview shows how the Decimal color 15954096 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 15954096 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 15954096 Background



This preview shows how black text looks on a background with the Decimal color 15954096.




This preview shows how white text looks on a background with the Decimal color 15954096.

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
15694210

Trichromacy



Original Color
15954096



Protanomaly
11832514



Deuteranomaly
12815020

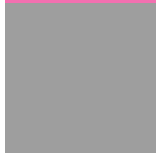


Tritanomaly
15758995

Monochromacy



Original Color
15954096



Achromatopsia
10395294



Achromatomaly
12422565

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15954096 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 #F370B0 looks like.

```
.text, #text, p{  
    color:#F370B0  
}
```

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 #F370B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F370B0
}
```

Border

The CSS property to change the border of an element to Decimal 15954096 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
#F370B0 }
```

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

```
.border{ border-color:#F370B0 }
```

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

Here you see how a box with a 4 pixel #F370B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F370B0; -webkit-box-shadow:4px 4px  
4px 4px #F370B0; box-shadow:4px 4px 4px  
4px #F370B0 }
```

Background

The CSS property to change the background color of an element to Decimal 15954096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F370B0 }
```

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

```
.background{ background-color:#F370B0 }
```

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