

Converting Colors

Decimal(16406096)

Have a look what the booklet for
Decimal(16406096) contains.

Decimal(16406096)	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(16406096)

Conversions

Conversions Part 1

Format	Color
Hex	FA5650
RGB	250, 86, 80
RGB Percent	98%, 34%, 31%
CMY	0.0196, 0.6627, 0.6863
CMYK	0.00, 0.66, 0.68, 0.02
HSL	2°, 94%, 65%
HSV	2°, 68%, 98%
XYZ	44.2001, 27.5588, 10.5792
YIQ	134.3520, 99.6700, 32.9020

Conversions

Conversions Part 2

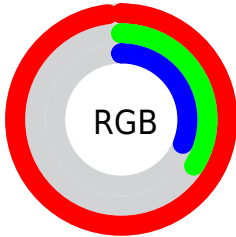
Format	Color
RYB	250, 86, 80
Decimal	16406096
CIELab	59.49, 62.00, 38.21
CIElCh	59, 72.823, 31.645
Yxy	27.5588, 0.5368, 0.3347
Android (android.graphics.Color)	4294596176 (0xFFFA5650)
YUV	134.3520, -26.7955, 101.4233
Hunter-Lab	52.4964, 58.4218, 24.7993

Details

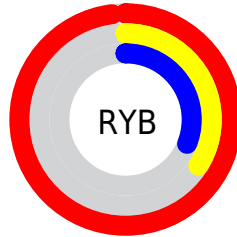
The Decimal color **16406096** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **5305594**, and the grayscale version is **8882055**.

A 20% lighter version of the original color is **16748418**, and **12193827** is the 20% darker color. If you saturate the color by 10%, you get **16399927**, and if you desaturate by 10%, it is **16412265**.

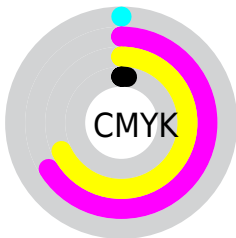
Distribution



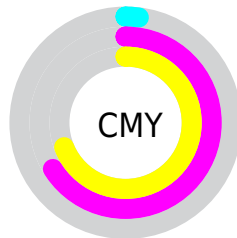
- Red (98%)
- Green (34%)
- Blue (31%)



- Red (98%)
- Yellow (34%)
- Blue (31%)



- Cyan (0%)
- Magenta (66%)
- Yellow (68%)
- Black (2%)



- Cyan (2%)
- Magenta (66%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 16406096 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 16406096 by changing the saturation by 10% instead.

 16406096	 16406096
 16777215	 14301241
 16748418	 12193827
 16755868	 10158094
 16763319	 8126464
 16770771	 6094848
 16777199	 4259843
	 1966081
	 0

 16406096  16406096

■ 16399927

■ 16412265

■ 16393758

■ 16418434

■ 16387589

■ 16424603

■ 16386304

■ 16430772

■ 16437197

■ 16443366

■ 16449535

Harmonies

Analogous

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



16664463



16406096



14382096

Triad

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



16406096



43086



38655

Complementary

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



16406096



5305594

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.



42495



16406096



44177

Square

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



16406096



6856192



43985



9469181

Rectangle

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



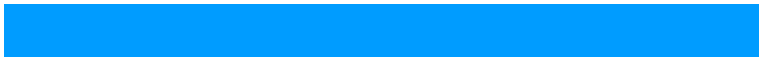
16406096



12289536



43985



40191

Sweetspot

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



16406096



16764620



16404724



8413793



0



8421504

Same Dimension

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



16406096



16725294



16427856



8221040



12388096



3998208

Inverse Universe

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



5305594



3078399



5283834



7372157



46781



15165

Previews

White Background



This preview shows how the Decimal color 16406096 looks on a white background.

Color Contrast Check

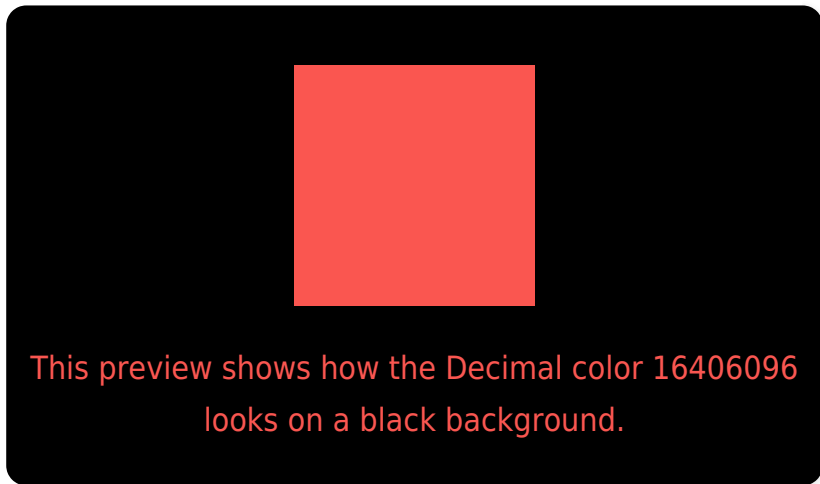
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 16406096 Background



This preview shows how black text looks on a background with the Decimal color 16406096.

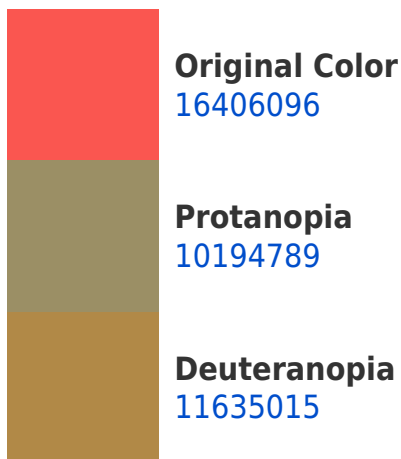


This preview shows how white text looks on a background with the Decimal color 16406096.

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



Trichromacy



Original Color
16406096

Protanomaly
12483165

Deuteranomaly
13399626

Tritanomaly
16405846

Monochromacy



Original Color
16406096

Achromatopsia
8816262

Achromatomaly
11564402

CSS Examples

Text

The CSS property to change the color of the text to Decimal 16406096 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 #FA5650 looks like.

```
.text, #text, p{  
    color:#FA5650  
}
```

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 #FA5650 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FA5650
}
```

Border

The CSS property to change the border of an element to Decimal 16406096 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
#FA5650 }
```

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

```
.border{ border-color:#FA5650 }
```

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

Here you see how a box with a 4 pixel #FA5650 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FA5650; -webkit-box-shadow:4px 4px  
4px 4px #FA5650; box-shadow:4px 4px 4px  
4px #FA5650 }
```

Background

The CSS property to change the background color of an element to Decimal 16406096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FA5650 }
```

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

```
.background{ background-color:#FA5650 }
```

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