

# Converting Colors

Decimal(16276001)

Have a look what the booklet for  
Decimal(16276001) contains.

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# Color

**Decimal(16276001)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F85A21
RGB	248, 90, 33
RGB Percent	97%, 35%, 13%
CMY	0.0275, 0.6471, 0.8706
CMYK	0.00, 0.64, 0.87, 0.03
HSL	16°, 94%, 55%
HSV	16°, 87%, 97%
XYZ	42.6421, 27.3786, 4.4760
YIQ	130.7440, 112.4650, 15.7690

# Conversions

## Conversions Part 2

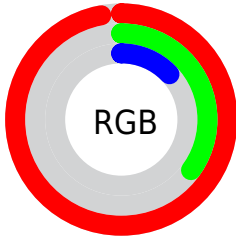
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 111, 33
Decimal	16276001
CIE <sub>Lab</sub>	59.32, 58.10, 60.84
CIE <sub>LCh</sub>	59, 84.128, 46.321
Yxy	27.3786, 0.5724, 0.3675
Android (android.graphics.Color)	4294466081 (0xFFFF85A21)
YUV	130.7440, -48.1878, 102.8335
Hunter-Lab	52.3246, 53.9012, 31.5554

# Details

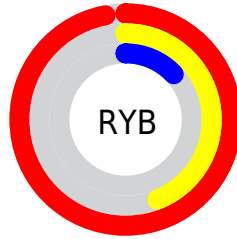
The Decimal color **16276001** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **2211832**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **16749141**, and **12000256** is the 20% darker color. If you saturate the color by 10%, you get **16271368**, and if you desaturate by 10%, it is **16280634**.

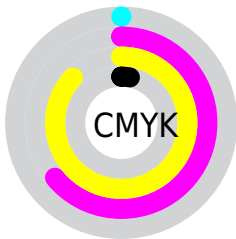
# Distribution



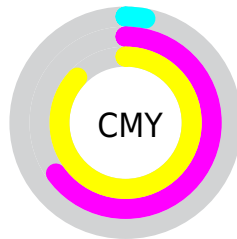
- Red (97%)
- Green (35%)
- Blue (13%)



- Red (97%)
- Yellow (44%)
- Blue (13%)



- Cyan (0%)
- Magenta (64%)
- Yellow (87%)
- Black (3%)






















- Cyan (3%)
- Magenta (65%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16276001 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 16276001 by changing the saturation by 10% instead.



 16276001	 16276001
16777215	 14105856
 16749141	 12000256
 16756335	 9895936
 16763785	 7798784
 16771236	 5832704
 16777152	 3997699
 16777180	 1638401
 16777209	 0
 16276001	 16276001

16271368

16280634

16269824

16285267

16290155

16294788

16299421

16304054

16308943

16313575

16318207

# Harmonies

## Analogous

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



16724074



16276001



13139712

# Triad

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



16276001



44393



35583

# Complementary

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



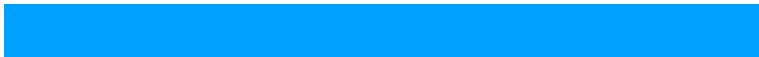
16276001



2211832

# 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.



41471



16276001



44983

# Square

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



16276001



1287696



44281



12740086

# Rectangle

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



16276001



10457344



44281



38143



# Sweetspot

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



16276001



16764605



16261570



8413784



0



8421504



# Same Dimension

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



16276001



16729088



16302625



8221808



12399104



4001792

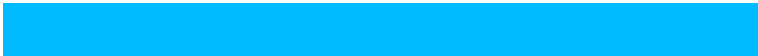


# Inverse Universe

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



2211832



48127



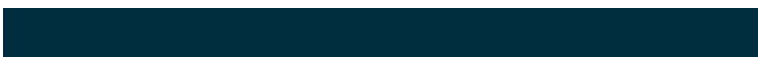
2185208



7371389



35773



11581



# Previews

## White Background



This preview shows how the Decimal color 16276001 looks on a white background.

## Color Contrast Check

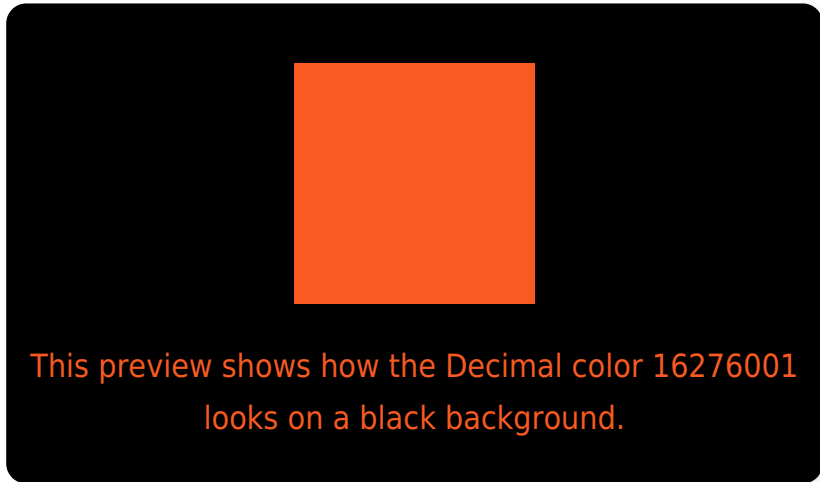
Large Text (above 18pt) WCAG AA ✓ Pass

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 16276001 Background



This preview shows how black text looks on a background with the Decimal color 16276001.



This preview shows how white text looks on a background with the Decimal color 16276001.

# 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**  
16276001

**Protanopia**  
10522414

**Deuteranopia**  
11896832



# Trichromacy



**Original Color**  
16276001

**Protanomaly**  
12614697

**Deuteranomaly**  
13465356

**Tritanomaly**  
16340549

# Monochromacy



**Original Color**  
16276001

**Achromatopsia**  
8618883

**Achromatomaly**  
11433055

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16276001 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 #F85A21 looks like.

```
.text, #text, p{  
  color:#F85A21  
}
```

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 #F85A21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F85A21
}
```

## Border

The CSS property to change the border of an element to Decimal 16276001 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
#F85A21 }
```

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

```
.border{ border-color:#F85A21 }
```

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

Here you see how a box with a 4 pixel #F85A21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F85A21; -webkit-box-shadow:4px 4px  
4px 4px #F85A21; box-shadow:4px 4px 4px  
4px #F85A21 }
```

# Background

The CSS property to change the background color of an element to Decimal 16276001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F85A21 }
```

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

```
.background{ background-color:#F85A21 }
```

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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