

# Converting Colors

Decimal(16212835)

Have a look what the booklet for  
Decimal(16212835) contains.

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# **Color**

**Decimal(16212835)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F76363
RGB	247, 99, 99
RGB Percent	97%, 39%, 39%
CMY	0.0314, 0.6118, 0.6118
CMYK	0.00, 0.60, 0.60, 0.03
HSL	0°, 90%, 68%
HSV	0°, 60%, 97%
XYZ	45.0717, 29.5987, 15.1420
YIQ	143.2520, 88.2080, 31.3760

# Conversions

## Conversions Part 2

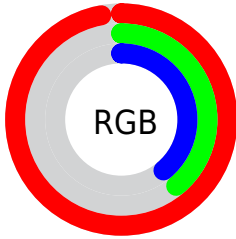
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	247, 99, 99
Decimal	16212835
CIE <sub>Lab</sub>	61.31, 56.69, 29.67
CIE <sub>LCh</sub>	61, 63.982, 27.626
Yxy	29.5987, 0.5018, 0.3296
Android (android.graphics.Color)	4294402915 (0xFF76363)
YUV	143.2520, -21.8162, 90.9870
Hunter-Lab	54.4047, 52.6708, 21.5816

# Details

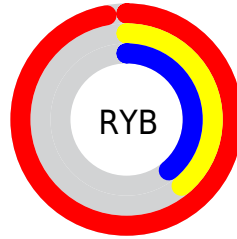
The Decimal color **16212835** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **6551543**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **16751510**, and **12134452** is the 20% darker color. If you saturate the color by 10%, you get **16206410**, and if you desaturate by 10%, it is **16219260**.

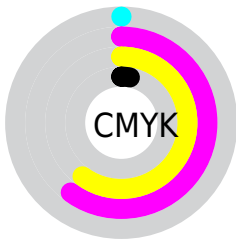
# Distribution



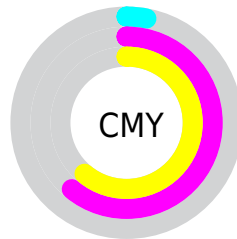
- Red (97%)
- Green (39%)
- Blue (39%)



- Red (97%)
- Yellow (39%)
- Blue (39%)



- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (3%)



- Cyan (3%)
- Magenta (61%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16212835 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 16212835 by changing the saturation by 10% instead.



 16212835

 16212835

16777215

 14174027

 16751510

 12134452

 16758705

 10092575

 16766156

 8126473

 16773608

 6094848

 4259842

 2162689

 0

 16212835

 16212835

■ 16206410

■ 16219260

■ 16200242

■ 16225428

■ 16193817

■ 16231853

■ 16187392

■ 16238278

■ 16244703

■ 16250871

■ 16252927

# Harmonies

## Analogous

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



16145563



16212835



14580018

# Triad

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



16212835



2206292



40191

# Complementary

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



16212835



6551543

# 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.



43507



16212835



44686

# Square

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



16212835



8232994



44743



9144313

# Rectangle

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



16212835



12880151



44743



41471



# Sweetspot

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



16212835



16765393



16212983



8414051



0



8421504



# Same Dimension

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



16212835



16729927



16231779



8023662



12189696



3866624



# Inverse Universe

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



6551543



4718591



6532599



7240314



47802



15163



# Previews

## White Background



This preview shows how the Decimal color 16212835 looks on a white background.

## Color Contrast Check

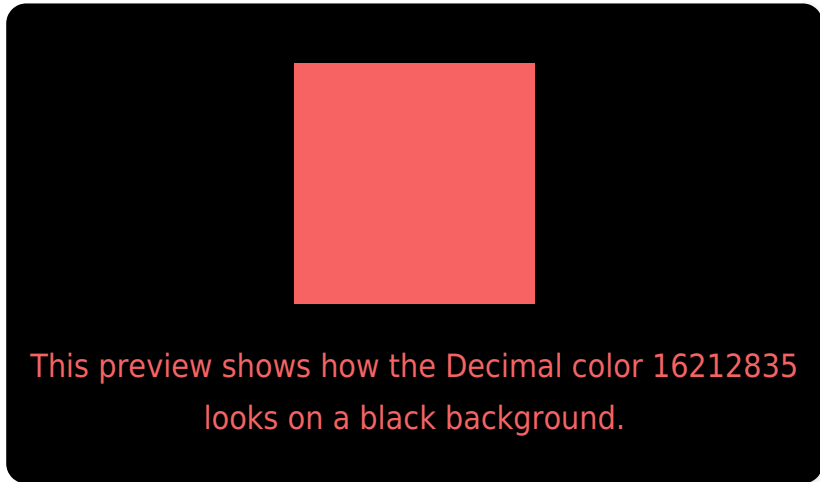
Large Text (above 18pt) WCAG AA ✓ Pass

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 16212835 Background



This preview shows how black text looks on a background with the Decimal color 16212835.

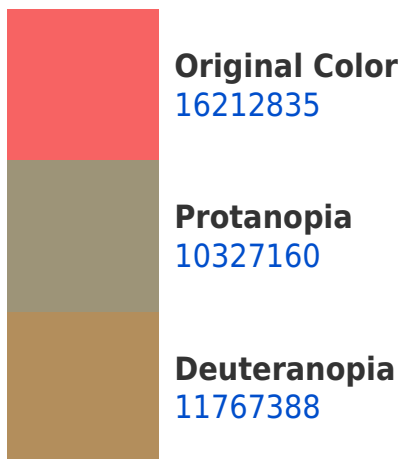


This preview shows how white text looks on a background with the Decimal color 16212835.

# 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**  
16212835

**Protanomaly**  
12485232

**Deuteranomaly**  
13401695

**Tritanomaly**  
16212582

# Monochromacy



**Original Color**  
16212835

**Achromatopsia**  
9408399

**Achromatomaly**  
11894655

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16212835 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 #F76363 looks like.

```
.text, #text, p{  
    color:#F76363  
}
```

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 #F76363 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F76363
}
```

## Border

The CSS property to change the border of an element to Decimal 16212835 is called "border". The border property can be set on classes, ids or directly on the HTML element.

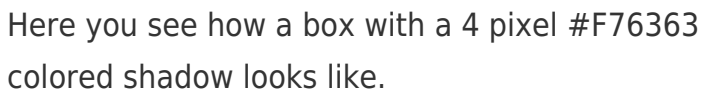
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#F76363 }
```

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

```
.border{ border-color:#F76363 }
```

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



Here you see how a box with a 4 pixel #F76363 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F76363; -webkit-box-shadow:4px 4px  
4px 4px #F76363; box-shadow:4px 4px 4px  
4px #F76363 }
```

# Background

The CSS property to change the background color of an element to Decimal 16212835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F76363 }
```

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

```
.background{ background-color:#F76363 }
```

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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