

# Converting Colors

Decimal(16729659)

Have a look what the booklet for  
Decimal(16729659) contains.

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**Color**

**Decimal(16729659)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF463B
RGB	255, 70, 59
RGB Percent	100%, 27%, 23%
CMY	0.0000, 0.7255, 0.7686
CMYK	0.00, 0.73, 0.77, 0.00
HSL	3°, 100%, 62%
HSV	3°, 77%, 100%
XYZ	44.2196, 25.9561, 6.8171
YIQ	124.0610, 113.7910, 35.7990

# Conversions

## Conversions Part 2

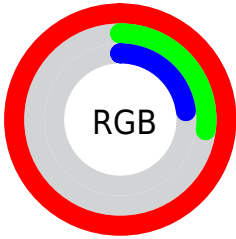
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 71, 59
Decimal	16729659
CIE <sub>Lab</sub>	58.00, 68.49, 48.16
CIE <sub>LCh</sub>	58, 83.726, 35.116
Yxy	25.9561, 0.5743, 0.3371
Android (android.graphics.Color)	4294919739 (0xFFFF463B)
YUV	124.0610, -32.0751, 114.8335
Hunter-Lab	50.9471, 65.7717, 27.7296

# Details

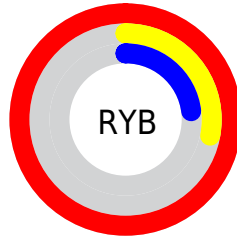
The Decimal color **16729659** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **3929343**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16745068**, and **12451853** is the 20% darker color. If you saturate the color by 10%, you get **16723489**, and if you desaturate by 10%, it is **16735829**.

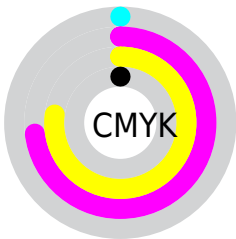
# Distribution



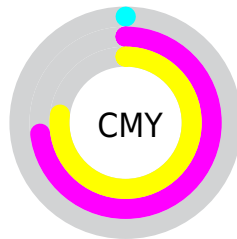
- Red (100%)
- Green (27%)
- Blue (23%)



- Red (100%)
- Yellow (28%)
- Blue (23%)



- Cyan (0%)
- Magenta (73%)
- Yellow (77%)
- Black (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16729659 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 16729659 by changing the saturation by 10% instead.



 16729659

 16729659

16777215

 14557476

 16745068

 12451853

 16752517

 10354688

 16760224

 8192000

 16767675

 6160385

 16775383

 4259843

 16777204

 1966081

 0

 16729659

 16729659

■ 16723489

■ 16735829

■ 16717320

■ 16741998

■ 16715264

■ 16748168

■ 16754337

■ 16760507

■ 16766676

■ 16772846

16777215

# Harmonies

## Analogous

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



16720770



16729659



14184192

# Triad

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



16729659



42825



37375

# Complementary

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



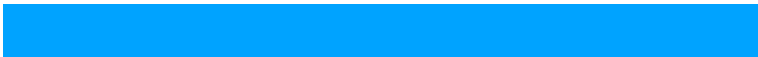
16729659



3929343

# 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.



41983



16729659



43670

# Square

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



16729659



5152256



43743



9925119

# Rectangle

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



16729659



11764736



43743



39423



# Sweetspot

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



16729659



16763076



16727029



8412764



0



8421504



# Same Dimension

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



16729659



16720404



16754491



8418163



12520192



4195328



# Inverse Universe

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



3929343



1372927



3904511



7569280



46527



15424



# Previews

## White Background



This preview shows how the Decimal color 16729659 looks on a white background.

## Color Contrast Check

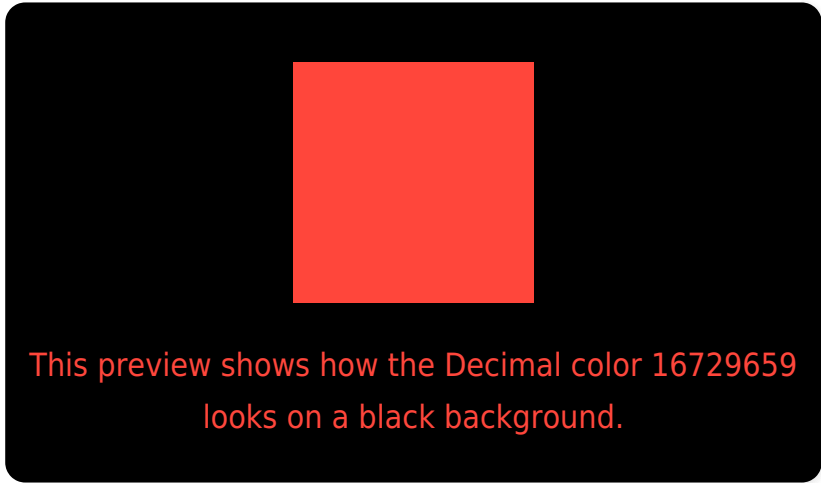
Large Text (above 18pt) WCAG AA ✓ Pass

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 16729659 Background



This preview shows how black text looks on a background with the Decimal color 16729659.

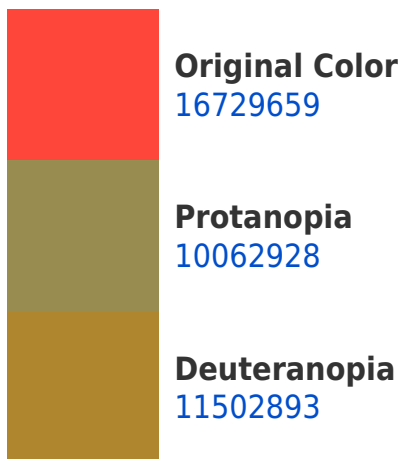


This preview shows how white text looks on a background with the Decimal color 16729659.

# 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**  
16729659

**Protanomaly**  
12481352

**Deuteranomaly**  
13397554

**Tritanomaly**  
16729411

# Monochromacy



**Original Color**  
16729659

**Achromatopsia**  
8158332

**Achromatomaly**  
11298916

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16729659 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 #FF463B looks like.

```
.text, #text, p{  
    color:#FF463B  
}
```

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 #FF463B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF463B
}
```

## Border

The CSS property to change the border of an element to Decimal 16729659 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
#FF463B }
```

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

```
.border{ border-color:#FF463B }
```

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

Here you see how a box with a 4 pixel #FF463B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF463B; -webkit-box-shadow:4px 4px  
4px 4px #FF463B; box-shadow:4px 4px 4px  
4px #FF463B }
```

# Background

The CSS property to change the background color of an element to Decimal 16729659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF463B }
```

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

```
.background{ background-color:#FF463B }
```

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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