

# Converting Colors

Decimal(16716360)

Have a look what the booklet for  
Decimal(16716360) contains.

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**Color**

**Decimal(16716360)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF1248
RGB	255, 18, 72
RGB Percent	100%, 7%, 28%
CMY	0.0000, 0.9294, 0.7176
CMYK	0.00, 0.93, 0.72, 0.00
HSL	346°, 100%, 54%
HSV	346°, 93%, 100%
XYZ	42.6260, 22.1605, 8.1617
YIQ	95.0190, 123.9180, 67.0380

# Conversions

## Conversions Part 2

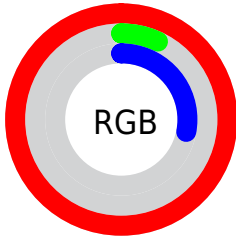
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 18, 72
Decimal	16716360
CIE <sub>Lab</sub>	54.20, 80.15, 36.70
CIE <sub>LCh</sub>	54, 88.152, 24.604
Yxy	22.1605, 0.5843, 0.3038
Android (android.graphics.Color)	4294906440 (0xFFFF1248)
YUV	95.0190, -11.3484, 140.3033
Hunter-Lab	47.0749, 79.2493, 22.6730

# Details

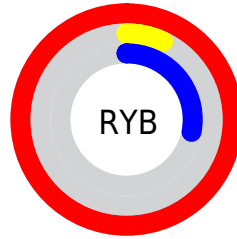
The Decimal color **16716360** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **1245129**, and the grayscale version is **6250335**.

A 20% lighter version of the original color is **16737912**, and **12386333** is the 20% darker color. If you saturate the color by 10%, you get **16711738**, and if you desaturate by 10%, it is **16723036**.

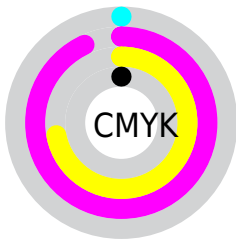
# Distribution



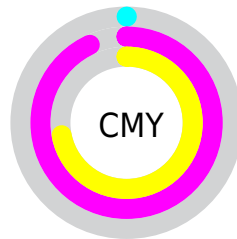
- Red (100%)
- Green (7%)
- Blue (28%)



- Red (100%)
- Yellow (7%)
- Blue (28%)



- Cyan (0%)
- Magenta (93%)
- Yellow (72%)
- Black (0%)



- Cyan (0%)
- Magenta (93%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16716360 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 16716360 by changing the saturation by 10% instead.



 16716360

 16716360

16777215

 14549042

 16737912

 12386333

 16745874

 10289159

 16753581

 8126465

 16761544

 6029315

 16769252

 3997699

 1638401

 0

 16716360

 16716360

■ 16711738

■ 16723036

■ 16729455

■ 16736131

■ 16742551

■ 16749226

■ 16755646

■ 16762322

■ 16768742

■ 16775417

# Harmonies

## Analogous

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



16580755



16716360



14636288

# Triad

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



16716360



39704



37119

# Complementary

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



16716360



1245129

# 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.



40446



16716360



41073

# Square

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



16716360



6328320



41407



4879615

# Rectangle

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



16716360



12414976



41407



38655



# Sweetspot

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



16716360



16758984



13112063



8410206



0



8421504



# Same Dimension

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



16716360



16711738



16732434



8418166



12517420



4194319



# Inverse Universe

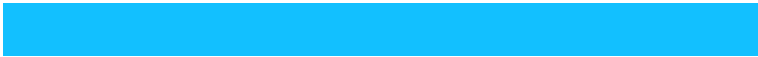
The Inverse Universe completely reimagines the original color for something new.



16716360



16711738



1229055



8418166



12517420



4194319



# Previews

## White Background



This preview shows how the Decimal color 16716360 looks on a white background.

## Color Contrast Check

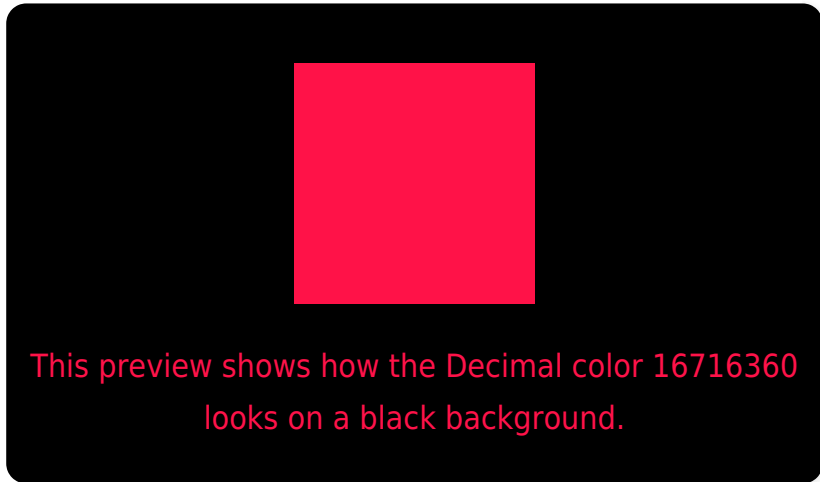
Large Text (above 18pt) WCAG AA ✓ Pass

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 16716360 Background



This preview shows how black text looks on a background with the Decimal color 16716360.

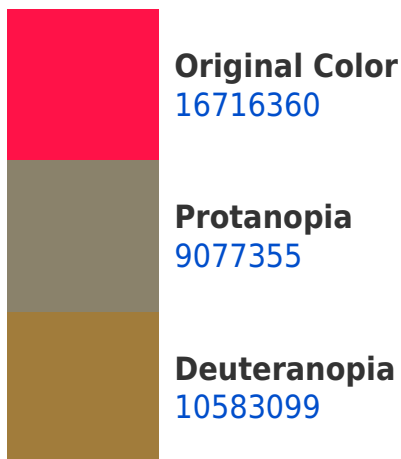


This preview shows how white text looks on a background with the Decimal color 16716360.

# 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**  
16716360



**Protanomaly**  
11884894



**Deuteranomaly**  
12801344



**Tritanomaly**  
16653356

# Monochromacy



**Original Color**  
16716360



**Achromatopsia**  
6250335



**Achromatomaly**  
10044247

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16716360 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 #FF1248 looks like.

```
.text, #text, p{  
  color:#FF1248  
}
```

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 #FF1248 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF1248
}
```

## Border

The CSS property to change the border of an element to Decimal 16716360 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
#FF1248 }
```

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

```
.border{ border-color:#FF1248 }
```

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

Here you see how a box with a 4 pixel #FF1248 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF1248; -webkit-box-shadow:4px 4px  
4px 4px #FF1248; box-shadow:4px 4px 4px  
4px #FF1248 }
```

# Background

The CSS property to change the background color of an element to Decimal 16716360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF1248 }
```

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

```
.background{ background-color:#FF1248 }
```

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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