

# Converting Colors

Decimal(16152429)

Have a look what the booklet for  
Decimal(16152429) contains.

<b>Decimal(16152429)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(16152429)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F6776D
RGB	246, 119, 109
RGB Percent	96%, 47%, 43%
CMY	0.0353, 0.5333, 0.5725
CMYK	0.00, 0.52, 0.56, 0.04
HSL	4°, 88%, 70%
HSV	4°, 56%, 96%
XYZ	47.3632, 33.8906, 18.5132
YIQ	155.8330, 78.9020, 23.8140

# Conversions

## Conversions Part 2

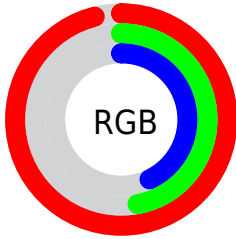
Format	Color
R <sub>Y</sub> B	246, 120, 109
Decimal	16152429
CIE Lab	64.88, 47.80, 28.64
CIE LCh	65, 55.725, 30.929
Yxy	33.8906, 0.4747, 0.3397
Android (android.graphics.Color)	4294342509 (0xFFFF6776D)
YUV	155.8330, -23.0887, 79.0765
Hunter-Lab	58.2156, 43.3470, 21.8961

# Details

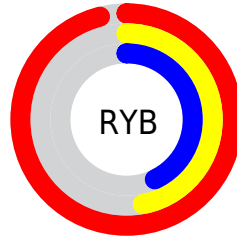
The Decimal color **16152429** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **7204086**, and the grayscale version is **10263708**.

A 20% lighter version of the original color is **16756385**, and **12141117** is the 20% darker color. If you saturate the color by 10%, you get **16146516**, and if you desaturate by 10%, it is **16158342**.

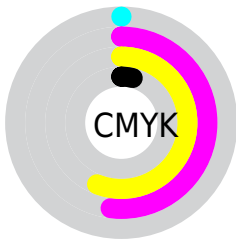
# Distribution



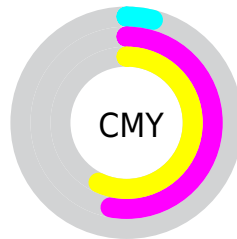
- Red (96%)
- Green (47%)
- Blue (43%)



- Red (96%)
- Yellow (47%)
- Blue (43%)



- Cyan (0%)
- Magenta (52%)
- Yellow (56%)
- Black (4%)




- Cyan (4%)
- Magenta (53%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 16152429 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 16152429 by changing the saturation by 10% instead.



 16152429

 16152429

16777215

 14113877

 16756385

 12141117

 16763580

 10167847

 16771031

 8192019

 16777204

 6291456

 4390912

 2555905

 0


 16152429


 16152429

 16146516

 16158342

 16140604

 16164254

 16134947

 16169911

 16129035

 16175823

 16126464

 16181736

 16187391

# Harmonies

## Analogous

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



16216478



16152429



14649670

# Triad

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



16152429



4043371



2990847

# Complementary

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



16152429



7204086

# 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.



45044



16152429



46749

# Square

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



16152429



8759619



46543



10588403

# Rectangle

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



16152429



13014582



46543



43007



# Sweetspot

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



16152429



16766932



16149997



8415334



0



8421504



# Same Dimension

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



16152429



16736596



16169837



8023918



12193280



3867648



# Inverse Universe

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



7204086



5567487



7186678



7240314



44474

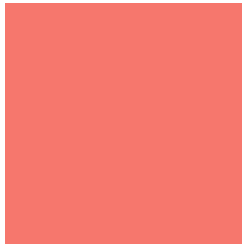


13883



# Previews

## White Background



This preview shows how the Decimal color 16152429 looks on a white background.

## Color Contrast Check

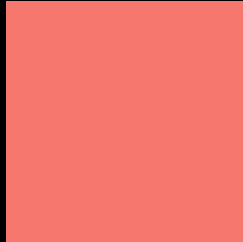
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 16152429 looks on a 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 ✓ Pass

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



## Decimal 16152429 Background



This preview shows how black text looks on a background with the Decimal color 16152429.




This preview shows how white text looks on a background with the Decimal color 16152429.

# 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



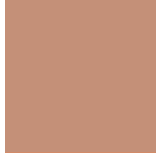


**Tritanopia**  
16217469

# Trichromacy



**Original Color**  
16152429



**Protanomaly**  
12882040



**Deuteranomaly**  
13798249

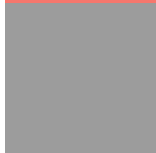


**Tritanomaly**  
16217719

# Monochromacy



**Original Color**  
16152429



**Achromatopsia**  
10263708



**Achromatomaly**  
12423051

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 16152429 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 #F6776D looks like.

```
.text, #text, p{  
  color:#F6776D  
}
```

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 #F6776D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F6776D
}
```

## Border

The CSS property to change the border of an element to Decimal 16152429 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
#F6776D }
```

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

```
.border{ border-color:#F6776D }
```

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

Here you see how a box with a 4 pixel #F6776D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F6776D; -webkit-box-shadow:4px 4px  
4px 4px #F6776D; box-shadow:4px 4px 4px  
4px #F6776D }
```

# Background

The CSS property to change the background color of an element to Decimal 16152429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F6776D }
```

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

```
.background{ background-color:#F6776D }
```

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