

# Converting Colors

Decimal(15750728)

Have a look what the booklet for  
Decimal(15750728) contains.

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# Color

**Decimal(15750728)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F05648
RGB	240, 86, 72
RGB Percent	94%, 34%, 28%
CMY	0.0588, 0.6627, 0.7176
CMYK	0.00, 0.64, 0.70, 0.06
HSL	5°, 85%, 61%
HSV	5°, 70%, 94%
XYZ	40.4327, 25.6487, 8.9506
YIQ	130.4500, 96.2780, 28.2940

# Conversions

## Conversions Part 2

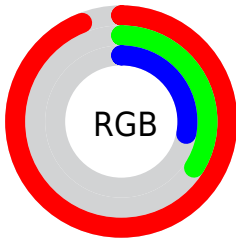
Format	Color
R <sub>Y</sub> B	240, 87, 72
Decimal	15750728
CIE Lab	57.70, 58.36, 40.11
CIE LCh	58, 70.814, 34.501
Yxy	25.6487, 0.5389, 0.3418
Android (android.graphics.Color)	4293940808 (0xFFFF05648)
YUV	130.4500, -28.8158, 96.0754
Hunter-Lab	50.6446, 53.8795, 24.9727

# Details

The Decimal color **15750728** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **4776688**, and the grayscale version is **8618883**.

A 20% lighter version of the original color is **16748153**, and **11605275** is the 20% darker color. If you saturate the color by 10%, you get **15745072**, and if you desaturate by 10%, it is **15756384**.

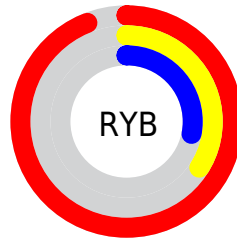
# Distribution



Red (94%)

Green (34%)

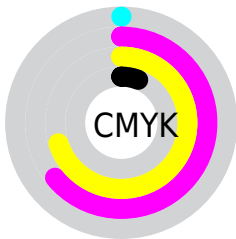
Blue (28%)



Red (94%)

Yellow (34%)

Blue (28%)

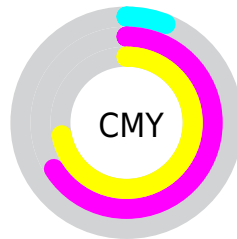


Cyan (0%)

Magenta (64%)

Yellow (70%)

Black (6%)



Cyan (6%)

Magenta (66%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15750728 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 15750728 by changing the saturation by 10% instead.



 15750728

 15750728

16777215

 13646129

 16748153

 11605275

 16755347

 9502724

 16762798

 7536640

 16770249

 5505024

 16777190

 3670018

 917504

 0

 15750728

 15750728

 15745072

 15756384

 15739416

 15762040

 15733760

 15767696

 15773352

 15779008

 15784664

 15790320

 15794175

# Harmonies

## Analogous

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



16205188



15750728



13660934

# Triad

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



15750728



41810



36863

# Complementary

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



15750728



4776688

# 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.



40954



15750728



42643

# Square

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



15750728



6134283



42703



9795314

# Rectangle

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



15750728



11568128



42703



38655



# Sweetspot

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



15750728



16764617



15747298



8413792



0



8421504



# Same Dimension

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



15750728



16726825



15772232



7892332



12062464



3671296

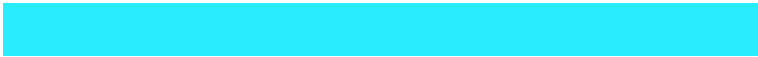


# Inverse Universe

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



4776688



2747903



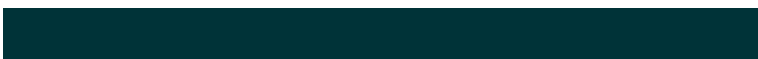
4755184



7108472



43192



13112



# Previews

## White Background



This preview shows how the Decimal color 15750728 looks on a white background.

## Color Contrast Check

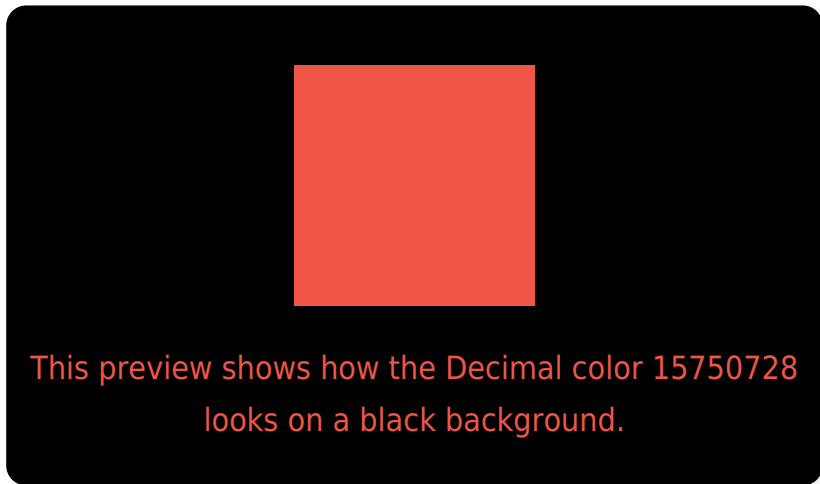
Large Text (above 18pt) WCAG AA ✓ Pass

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 15750728 Background



This preview shows how black text looks on a background with the Decimal color 15750728.

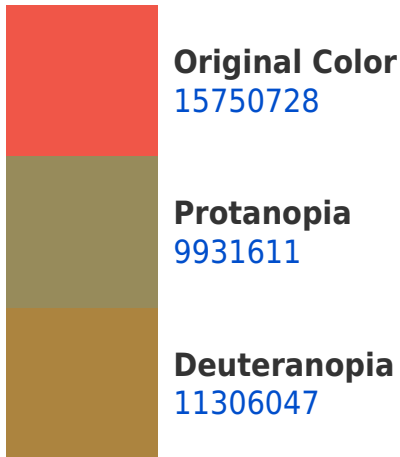



This preview shows how white text looks on a background with the Decimal color 15750728.

# 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**  
15815768

# Trichromacy



**Original Color**  
15750728

**Protanomaly**  
12023892

**Deuteranomaly**  
12940098

**Tritanomaly**  
15816018

# Monochromacy



**Original Color**  
15750728

**Achromatopsia**  
8553090

**Achromatomaly**  
11170413

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15750728 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 #F05648 looks like.

```
.text, #text, p{  
    color:#F05648  
}
```

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 #F05648 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F05648
}
```

## Border

The CSS property to change the border of an element to Decimal 15750728 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
#F05648 }
```

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

```
.border{ border-color:#F05648 }
```

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

Here you see how a box with a 4 pixel #F05648 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F05648; -webkit-box-shadow:4px 4px  
4px 4px #F05648; box-shadow:4px 4px 4px  
4px #F05648 }
```

# Background

The CSS property to change the background color of an element to Decimal 15750728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F05648 }
```

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

```
.background{ background-color:#F05648 }
```

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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