

# Converting Colors

Decimal(14766417)

Have a look what the booklet for  
Decimal(14766417) contains.

<b>Decimal(14766417)</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(14766417)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E15151
RGB	225, 81, 81
RGB Percent	88%, 32%, 32%
CMY	0.1176, 0.6824, 0.6824
CMYK	0.00, 0.64, 0.64, 0.12
HSL	0°, 71%, 60%
HSV	0°, 64%, 88%
XYZ	35.4790, 22.4865, 10.2550
YIQ	124.0560, 85.8240, 30.5280

# Conversions

## Conversions Part 2

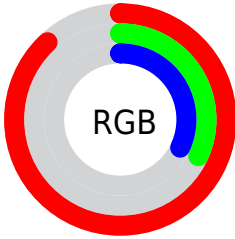
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	225, 81, 81
Decimal	14766417
CIE Lab	54.54, 55.96, 30.62
CIE LCh	55, 63.792, 28.689
Yxy	22.4865, 0.5201, 0.3296
Android (android.graphics.Color)	4292956497 (0xFFE15151)
YUV	124.0560, -21.2266, 88.5279
Hunter-Lab	47.4199, 50.5665, 20.3720

# Details

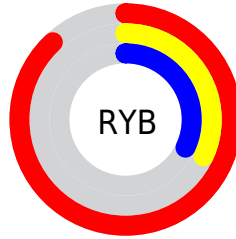
The Decimal color **14766417** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted red. A complement of this color would be **5366241**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16746882**, and **10686244** is the 20% darker color. If you saturate the color by 10%, you get **14760763**, and if you desaturate by 10%, it is **14772071**.

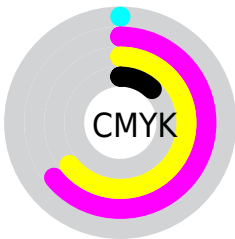
# Distribution



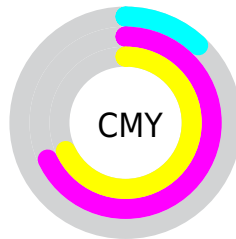
- Red (88%)
- Green (32%)
- Blue (32%)



- Red (88%)
- Yellow (32%)
- Blue (32%)



- Cyan (0%)
- Magenta (64%)
- Yellow (64%)
- Black (12%)



- Cyan (12%)
- Magenta (68%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 14766417 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 14766417 by changing the saturation by 10% instead.



 14766417  14766417


16777215  12727354

 16746882  10686244

 16754077  8716304

 16761271  6750208

 16768723  4784129

 16776431  2883585

 0

 14766417  14766417

 14760763  14772071

 14754852

 14777982

 14749198

 14783636

 14745600

 14789547

 14795458

 14801112

 14807023

 14811135

# Harmonies

## Analogous

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



14764167



14766417



13134111

# Triad

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



14766417



38725



35569

# Complementary

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



14766417



5366241

# 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.



38624



14766417



39806

# Square

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



14766417



6852363



39862



8091108

# Rectangle

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



14766417



11433984



39862



36847



# Sweetspot

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



14766417



16764879



14766561



8413794



0



8421504



# Same Dimension

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



14766417



16726843



14784849



7365989



11534336



3145728



# Inverse Universe

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



5366241



3932159



5347809



6647920



45232



12336



# Previews

## White Background



This preview shows how the Decimal color 14766417 looks on a white background.

## Color Contrast Check

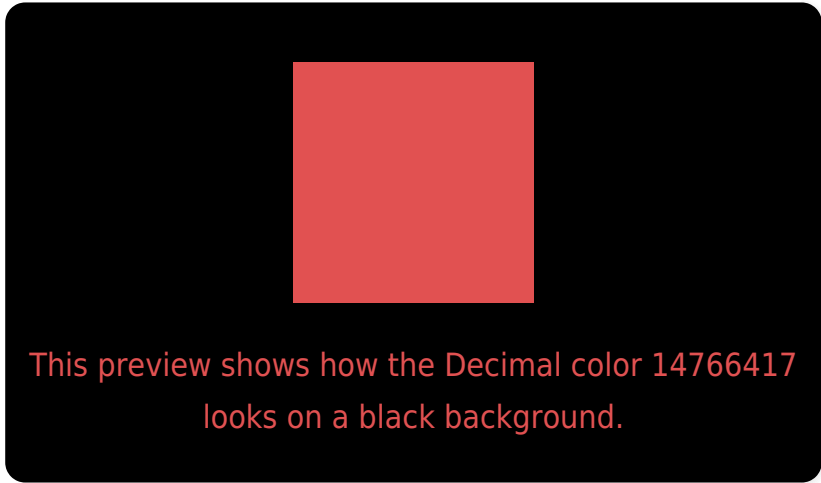
Large Text (above 18pt) WCAG AA ✓ Pass

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 14766417 Background



This preview shows how black text looks on a background with the Decimal color 14766417.

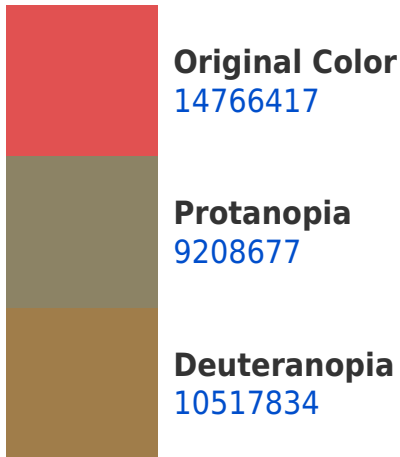



This preview shows how white text looks on a background with the Decimal color 14766417.

# 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**  
14766165

# Trichromacy



**Original Color**  
14766417

**Protanomaly**  
11235678

**Deuteranomaly**  
12086605

**Tritanomaly**  
14766164

# Monochromacy



**Original Color**  
14766417

**Achromatopsia**  
8158332

**Achromatomaly**  
10579052

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 14766417 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 #E15151 looks like.

```
.text, #text, p{  
    color:#E15151  
}
```

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 #E15151 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E15151
}
```

## Border

The CSS property to change the border of an element to Decimal 14766417 is called "border". The border property can be set on classes, ids or directly on the HTML element.

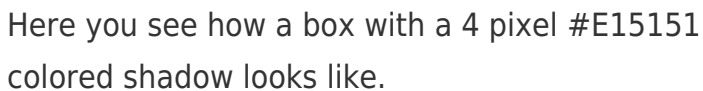
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E15151 }
```

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

```
.border{ border-color:#E15151 }
```

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



Here you see how a box with a 4 pixel #E15151 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E15151; -webkit-box-shadow:4px 4px  
4px 4px #E15151; box-shadow:4px 4px 4px  
4px #E15151 }
```

# Background

The CSS property to change the background color of an element to Decimal 14766417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E15151 }
```

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

```
.background{ background-color:#E15151 }
```

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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