

# Converting Colors

Decimal(15163204)

Have a look what the booklet for  
Decimal(15163204) contains.

<b>Decimal(15163204)</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(15163204)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E75F44
RGB	231, 95, 68
RGB Percent	91%, 37%, 27%
CMY	0.0941, 0.6275, 0.7333
CMYK	0.00, 0.59, 0.71, 0.09
HSL	10°, 77%, 59%
HSV	10°, 71%, 91%
XYZ	38.0906, 25.5907, 8.4007
YIQ	132.5860, 89.7230, 20.4350

# Conversions

## Conversions Part 2

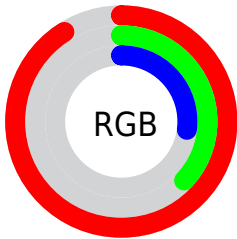
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	231, 100, 68
Decimal	15163204
CIE <sub>Lab</sub>	57.65, 51.19, 41.83
CIE <sub>LCh</sub>	58, 66.112, 39.255
Yxy	25.5907, 0.5284, 0.3550
Android (android.graphics.Color)	4293353284 (0xFFE75F44)
YUV	132.5860, -31.8409, 86.3091
Hunter-Lab	50.5872, 45.8772, 25.5651

# Details

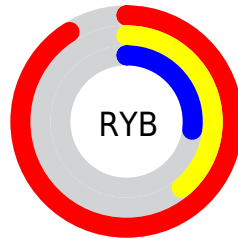
The Decimal color **15163204** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark muted red. A complement of this color would be **4508903**, and the grayscale version is **8750469**.

A 20% lighter version of the original color is **16750197**, and **11085590** is the 20% darker color. If you saturate the color by 10%, you get **15158317**, and if you desaturate by 10%, it is **15168091**.

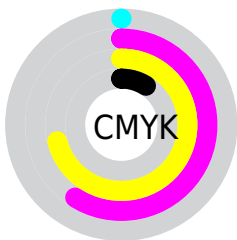
# Distribution



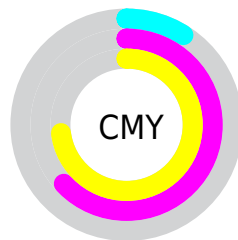
- Red (91%)
- Green (37%)
- Blue (27%)



- Red (91%)
- Yellow (39%)
- Blue (27%)



- Cyan (0%)
- Magenta (59%)
- Yellow (71%)
- Black (9%)



- Cyan (9%)
- Magenta (63%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15163204 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 15163204 by changing the saturation by 10% instead.




 15163204       15163204

16777215       13124653

 16750197       11085590

 16757391       9043968

 16764586       7077888

 16772037       5111808

 16777186       3342338

16777214       0

 15163204       15163204

 15158317       15168091

15153174

15173234

15148544

15178121

15183008

15187896

15193039

15197926

15202813

15204351

# Harmonies

## Analogous

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



15814267



15163204



13007118

# Triad

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



15163204



41567



35837

# Complementary

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



15163204



4508903

# 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.



40183



15163204



42395

# Square

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



15163204



5675814



41938



10712037

# Rectangle

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



15163204



10979072



41938



37631



# Sweetspot

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



15163204



16765641



15156431



8414560



0



8421504



# Same Dimension

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



15163204



16730662



15183428



7563623



11738624



3344384

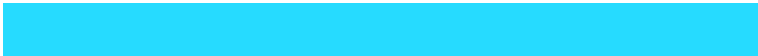


# Inverse Universe

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



4508903



2546687



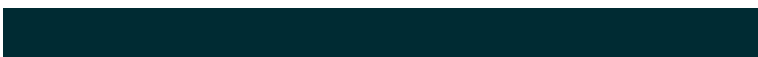
4488679



6779251



38323



11059



# Previews

## White Background



This preview shows how the Decimal color 15163204 looks on a white background.

## Color Contrast Check

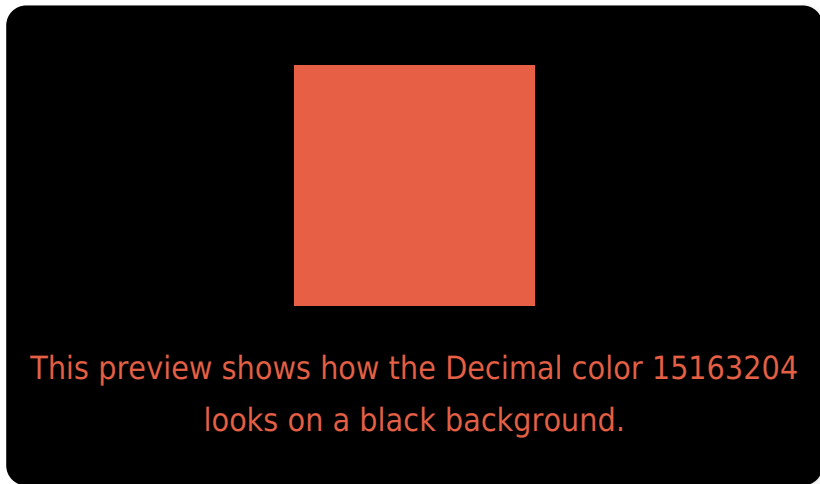
Large Text (above 18pt) WCAG AA ✓ Pass

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 15163204 Background



This preview shows how black text looks on a background with the Decimal color 15163204.



This preview shows how white text looks on a background with the Decimal color 15163204.

# 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



**Original Color**  
15163204

**Protanopia**  
9997139

**Deuteranopia**  
11306044



**Tritanopia**  
15227745

# Trichromacy



**Original Color**  
15163204

**Protanomaly**  
11893582

**Deuteranomaly**  
12678975

**Tritanomaly**  
15227990

# Monochromacy



**Original Color**  
15163204

**Achromatopsia**  
8750469

**Achromatomaly**  
11106157

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15163204 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 #E75F44 looks like.

```
.text, #text, p{  
  color:#E75F44  
}
```

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 #E75F44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E75F44
}
```

## Border

The CSS property to change the border of an element to Decimal 15163204 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
#E75F44 }
```

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

```
.border{ border-color:#E75F44 }
```

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

Here you see how a box with a 4 pixel #E75F44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E75F44; -webkit-box-shadow:4px 4px  
4px 4px #E75F44; box-shadow:4px 4px 4px  
4px #E75F44 }
```

# Background

The CSS property to change the background color of an element to Decimal 15163204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E75F44 }
```

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

```
.background{ background-color:#E75F44 }
```

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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