

# Converting Colors

Decimal(15495012)

Have a look what the booklet for  
Decimal(15495012) contains.

<b>Decimal(15495012)</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(15495012)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EC6F64
RGB	236, 111, 100
RGB Percent	93%, 44%, 39%
CMY	0.0745, 0.5647, 0.6078
CMYK	0.00, 0.53, 0.58, 0.07
HSL	5°, 78%, 66%
HSV	5°, 58%, 93%
XYZ	42.5768, 30.1218, 15.6266
YIQ	147.1210, 78.0310, 23.0790

# Conversions

## Conversions Part 2

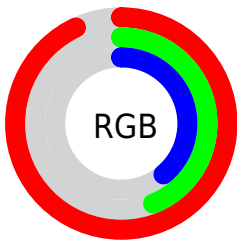
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	236, 112, 100
Decimal	15495012
CIE Lab	61.76, 47.40, 29.36
CIE LCh	62, 55.757, 31.768
Yxy	30.1218, 0.4820, 0.3410
Android (android.graphics.Color)	4293685092 (0xFFEC6F64)
YUV	147.1210, -23.2307, 77.9469
Hunter-Lab	54.8834, 42.4287, 21.5370

# Details

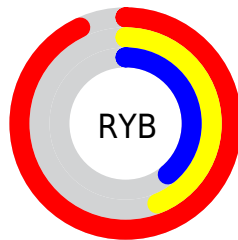
The Decimal color **15495012** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **6611436**, and the grayscale version is **9671571**.

A 20% lighter version of the original color is **16754327**, and **11483701** is the 20% darker color. If you saturate the color by 10%, you get **15489356**, and if you desaturate by 10%, it is **15500668**.

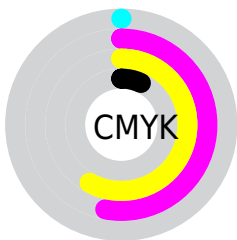
# Distribution



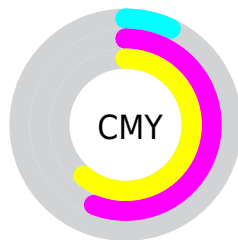
- Red (93%)
- Green (44%)
- Blue (39%)



- Red (93%)
- Yellow (44%)
- Blue (39%)



- Cyan (0%)
- Magenta (53%)
- Yellow (58%)
- Black (7%)



- Cyan (7%)
- Magenta (56%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15495012 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 15495012 by changing the saturation by 10% instead.



 15495012

 15495012

16777215

 13456460

 16754327

 11483701

 16761522


 9510175

 16768717

 7536650

 16776426

 5636096

 3866625

 1572865

 0

 15495012

 15495012

 15489356

 15500668

 15483957

 15506067

 15478301

 15511723

 15472646

 15517378

 15471360

 15522778

 15528434

 15532031

# Harmonies

## Analogous

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



15624340



15495012



13926717

# Triad

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



15495012



3123812



2202360

# Complementary

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



15495012



6611436

# 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.



42732



15495012



44439

# Square

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



15495012



8102203



44232



10127338

# Rectangle

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



15495012



12291629



44232



40951



# Sweetspot

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



15495012



16766932



15492323



8415334



0



8421504



# Same Dimension

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



15495012



16735567



15511908



7695210



11865856



3539968

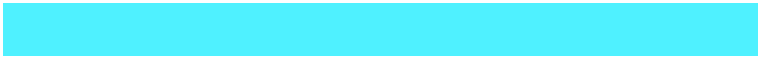


# Inverse Universe

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



6611436



5239295



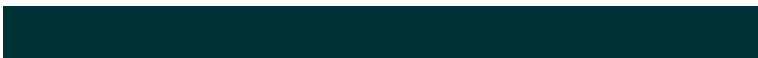
6594540



6976629



42677



12598



# Previews

## White Background



This preview shows how the Decimal color 15495012 looks on a white background.

## Color Contrast Check

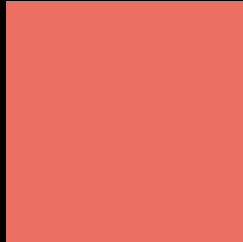
Large Text (above 18pt) WCAG AA × Fail

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 15495012 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 15495012 Background



This preview shows how black text looks on a background with the Decimal color 15495012.




This preview shows how white text looks on a background with the Decimal color 15495012.

# 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**  
15560052

# Trichromacy



**Original Color**  
15495012

**Protanomaly**  
12355438

**Deuteranomaly**  
13206368

**Tritanomaly**  
15560302

# Monochromacy



**Original Color**  
15495012

**Achromatopsia**  
9671571

**Achromatomaly**  
11765378

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15495012 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 #EC6F64 looks like.

```
.text, #text, p{  
    color:#EC6F64  
}
```

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 #EC6F64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EC6F64
}
```

## Border

The CSS property to change the border of an element to Decimal 15495012 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
#EC6F64 }
```

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

```
.border{ border-color:#EC6F64 }
```

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

Here you see how a box with a 4 pixel #EC6F64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EC6F64; -webkit-box-shadow:4px 4px  
4px 4px #EC6F64; box-shadow:4px 4px 4px  
4px #EC6F64 }
```

# Background

The CSS property to change the background color of an element to Decimal 15495012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EC6F64 }
```

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

```
.background{ background-color:#EC6F64 }
```

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