

# Converting Colors

Decimal(15219796)

Have a look what the booklet for  
Decimal(15219796) contains.

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# Color

**Decimal(15219796)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E83C54
RGB	232, 60, 84
RGB Percent	91%, 24%, 33%
CMY	0.0902, 0.7647, 0.6706
CMYK	0.00, 0.74, 0.64, 0.09
HSL	352°, 79%, 57%
HSV	352°, 74%, 91%
XYZ	36.4948, 21.0276, 10.5228
YIQ	114.1640, 94.8080, 43.9280

# Conversions

## Conversions Part 2

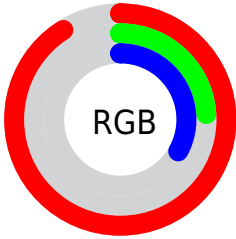
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">232, 60, 84</a>
Decimal	<a href="#">15219796</a>
CIELab	<a href="#">52.98, 66.09, 27.15</a>
CIELCh	<a href="#">53, 71.446, 22.334</a>
Yxy	<a href="#">21.0276, 0.5363, 0.3090</a>
Android (android.graphics.Color)	<a href="#">4293409876</a> ( <a href="#">0xFFE83C54</a> )
YUV	<a href="#">114.1640, -14.8709, 103.3422</a>
Hunter-Lab	<a href="#">45.8559, 61.8130, 18.4936</a>

# Details

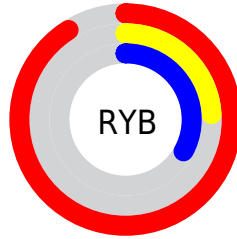
The Decimal color **15219796** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **3991760**, and the grayscale version is **7500402**.

A 20% lighter version of the original color is **16742533**, and **11075623** is the 20% darker color. If you saturate the color by 10%, you get **15213888**, and if you desaturate by 10%, it is **15225704**.

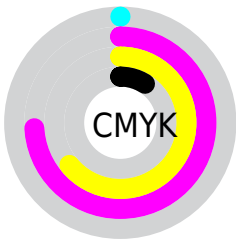
# Distribution



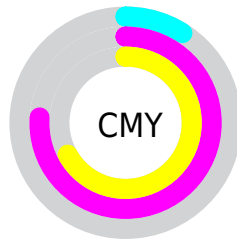
- Red (91%)
- Green (24%)
- Blue (33%)



- Red (91%)
- Yellow (24%)
- Blue (33%)



- Cyan (0%)
- Magenta (74%)
- Yellow (64%)
- Black (9%)



- Cyan (9%)
- Magenta (76%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15219796 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 15219796 by changing the saturation by 10% instead.




 15219796  15219796

16777215  13112381

 16742533  11075623

 16749983  9043988

 16757434  7012352

 16764886  5046274

 16772594  3080194

 0

 15219796  15219796

 15213888  15225704

■ 15207980

■ 15231612

■ 15204384

■ 15237776

■ 15243684

■ 15249592

■ 15255500

■ 15261408

■ 15267572

■ 15269887

# Harmonies

## Analogous

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



14825361



15219796



13720343

# Triad

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



15219796



37931



35833

# Complementary

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



15219796



3991760

# 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.



38623



15219796



39020

# Square

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



15219796



7178496



39596



5535217

# Rectangle

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



15219796



11955712



39596



37108



# Sweetspot

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



15219796



16762831



13516008



8412771



0



8421504



# Same Dimension

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



15219796



16718908



15235132



7563113



11730969



3342343



# Inverse Universe

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



15219796



16718908



3976424



7563113



11730969

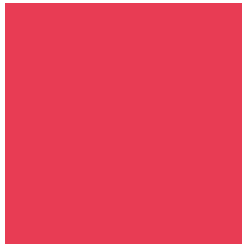


3342343



# Previews

## White Background



This preview shows how the Decimal color 15219796 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



This preview shows how the Decimal color 15219796 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 × Fail

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



## Decimal 15219796 Background



This preview shows how black text looks on a background with the Decimal color 15219796.



This preview shows how white text looks on a background with the Decimal color 15219796.

# 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**  
15155010

# Trichromacy



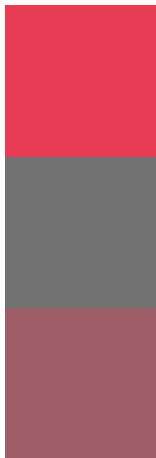
**Original Color**  
15219796

**Protanomaly**  
11102054

**Deuteranomaly**  
11952974

**Tritanomaly**  
15154761

# Monochromacy



**Original Color**  
15219796

**Achromatopsia**  
7500402

**Achromatomaly**  
10313319

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15219796 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 #E83C54 looks like.

```
.text, #text, p{  
  color:#E83C54  
}
```

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 #E83C54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E83C54
}
```

## Border

The CSS property to change the border of an element to Decimal 15219796 is called "border". The border property can be set on classes, ids or directly on the HTML element.

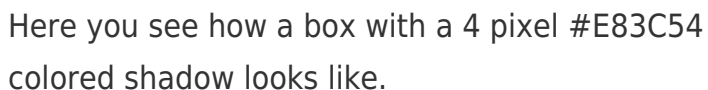
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#E83C54 }
```

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

```
.border{ border-color:#E83C54 }
```

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



Here you see how a box with a 4 pixel #E83C54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E83C54; -webkit-box-shadow:4px 4px  
4px 4px #E83C54; box-shadow:4px 4px 4px  
4px #E83C54 }
```

# Background

The CSS property to change the background color of an element to Decimal 15219796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E83C54 }
```

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

```
.background{ background-color:#E83C54 }
```

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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