

# Converting Colors

Decimal(15427431)

Have a look what the booklet for  
Decimal(15427431) contains.

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# Color

**Decimal(15427431)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB6767
RGB	235, 103, 103
RGB Percent	92%, 40%, 40%
CMY	0.0784, 0.5961, 0.5961
CMYK	0.00, 0.56, 0.56, 0.08
HSL	0°, 77%, 66%
HSV	0°, 56%, 92%
XYZ	41.5594, 28.3419, 16.1121
YIQ	142.4680, 78.6720, 27.9840

# Conversions

## Conversions Part 2

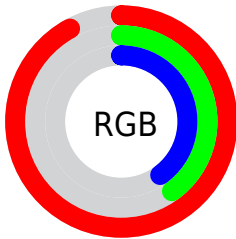
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	235, 103, 103
Decimal	15427431
CIE <sub>Lab</sub>	60.20, 51.07, 25.59
CIE <sub>LCh</sub>	60, 57.120, 26.613
Yxy	28.3419, 0.4832, 0.3295
Android (android.graphics.Color)	4293617511 (0xFFEB6767)
YUV	142.4680, -19.4577, 81.1506
Hunter-Lab	53.2371, 46.1804, 19.3220

# Details

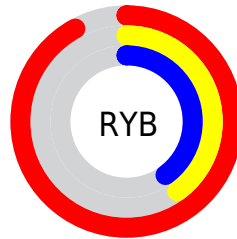
The Decimal color **15427431** is a dark color, and the websafe version is hex **FF6666**. A complement of this color would be **6810603**, and the grayscale version is **9408399**.

A 20% lighter version of the original color is **16752282**, and **11415608** is the 20% darker color. If you saturate the color by 10%, you get **15421263**, and if you desaturate by 10%, it is **15433599**.

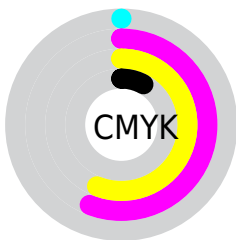
# Distribution



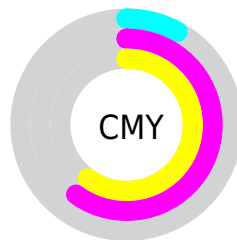
- Red (92%)
- Green (40%)
- Blue (40%)



- Red (92%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (56%)
- Yellow (56%)
- Black (8%)



- Cyan (8%)
- Magenta (60%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15427431 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 15427431 by changing the saturation by 10% instead.



 15427431

 15427431

16777215

 13388879

 16752282

 11415608

 16759477

 9440547

 16766928

 7471118

 16774381

 5570560

 3866626

 1310720

 0

 15427431

 15427431

 15421263

 15433599

 15415352

 15439510

 15409441

 15445678

 15403273

 15451589

 15400960

 15457757

 15463668

 15466495

# Harmonies

## Analogous

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



15229849



15427431



14055741

# Triad

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



15427431



3843415



39414

# Complementary

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



15427431



6810603

# 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.



42212



15427431



43402

# Square

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



15427431



8362799



43453



8947435

# Rectangle

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



15427431



12486185



43453



40435



# Sweetspot

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



15427431



16766164



15427563



8414822



0



8421504



# Same Dimension

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



15427431



16733268



15444327



7694954



11862016



3538944



# Inverse Universe

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



6810603



5570559



6793707



6976885



46517



13878



# Previews

## White Background



This preview shows how the Decimal color 15427431 looks on a white background.

## Color Contrast Check

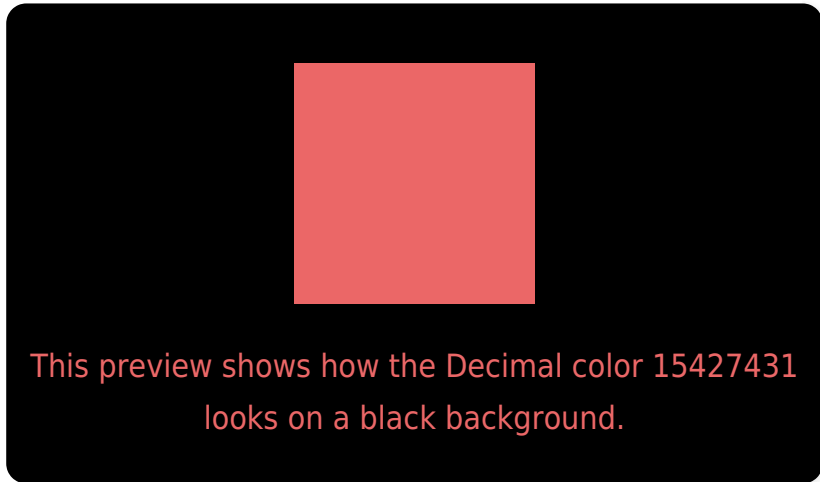
Large Text (above 18pt) WCAG AA ✓ Pass

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 15427431 Background



This preview shows how black text looks on a background with the Decimal color 15427431.



This preview shows how white text looks on a background with the Decimal color 15427431.

# 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**  
15427431

**Protanopia**  
10064250

**Deuteranopia**  
11504481



**Tritanopia**  
15427181

# Trichromacy



**Original Color**  
15427431

**Protanomaly**  
12026483

**Deuteranomaly**  
12942947

**Tritanomaly**  
15427179

# Monochromacy



**Original Color**  
15427431

**Achromatopsia**  
9342606

**Achromatomaly**  
11567232

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15427431 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 #EB6767 looks like.

```
.text, #text, p{  
  color:#EB6767  
}
```

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 #EB6767 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EB6767
}
```

## Border

The CSS property to change the border of an element to Decimal 15427431 is called "border". The border property can be set on classes, ids or directly on the HTML element.

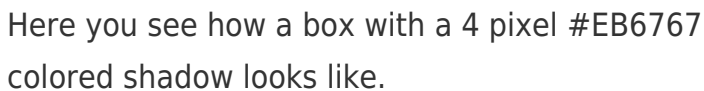
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#EB6767 }
```

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

```
.border{ border-color:#EB6767 }
```

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



Here you see how a box with a 4 pixel `#EB6767` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EB6767; -webkit-box-shadow:4px 4px  
4px 4px #EB6767; box-shadow:4px 4px 4px  
4px #EB6767 }
```

# Background

The CSS property to change the background color of an element to Decimal 15427431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EB6767 }
```

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

```
.background{ background-color:#EB6767 }
```

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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