

# Converting Colors

Decimal(15016980)

Have a look what the booklet for  
Decimal(15016980) contains.

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# Color

**Decimal(15016980)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E52414
RGB	229, 36, 20
RGB Percent	90%, 14%, 8%
CMY	0.1020, 0.8588, 0.9216
CMYK	0.00, 0.84, 0.91, 0.10
HSL	5°, 84%, 49%
HSV	5°, 91%, 90%
XYZ	33.0702, 17.9703, 2.3874
YIQ	91.8830, 120.1640, 35.9400

# Conversions

## Conversions Part 2

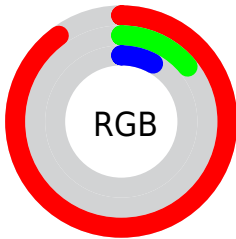
<b>Format</b>	<b>Color</b>
<b>RYB</b>	229, 37, 20
Decimal	15016980
CIELab	49.46, 69.52, 56.88
CIELCh	49, 89.823, 39.293
Yxy	17.9703, 0.6190, 0.3363
Android (android.graphics.Color)	4293207060 (0xFFE52414)
YUV	91.8830, -35.4383, 120.2516
Hunter-Lab	42.3914, 65.0661, 26.3348

# Details

The Decimal color **15016980** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **1365477**, and the grayscale version is **6052956**.

A 20% lighter version of the original color is **16738118**, and **10682368** is the 20% darker color. If you saturate the color by 10%, you get **15012352**, and if you desaturate by 10%, it is **15022379**.

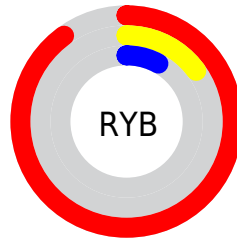
# Distribution



Red (90%)

Green (14%)

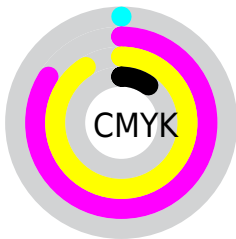
Blue (8%)



Red (90%)

Yellow (15%)

Blue (8%)

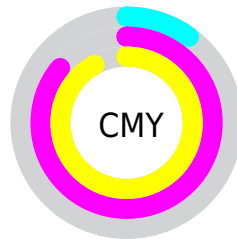


Cyan (0%)

Magenta (84%)

Yellow (91%)

Black (10%)



Cyan (10%)

Magenta (86%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15016980 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 15016980 by changing the saturation by 10% instead.



 15016980

 15016980

16777215

 12845056

 16738118

 10682368

 16745822

 8585216

 16753272

 6488065

 16760723

 4653060

 16768430

 2490369

 16776137

 0

 16777190

 15016980

 15016980

■ 15012352

■ 15022379

■ 15027778

■ 15033177

■ 15038832

■ 15044231

■ 15049629

■ 15055028

■ 15060427

■ 15065826

# Harmonies

## Analogous

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



16056418



15016980



12147968

# Triad

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



15016980



37179



31231

# Complementary

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



15016980



1365477

# 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.



36351



15016980



38028

# Square

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



15016980



35328



37846



9327342

# Rectangle

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



15016980



9531904



37846



33279



# Sweetspot

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



15016980



16760762



15013079



8411735



0



8421504



# Same Dimension

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



15016980



16716800



15043092



7563367



11734528



3343360



# Inverse Universe

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



1365477



60415



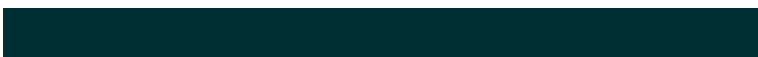
1339365



6779507



42419



12083



# Previews

## White Background



This preview shows how the Decimal color 15016980 looks on a white background.

## Color Contrast Check

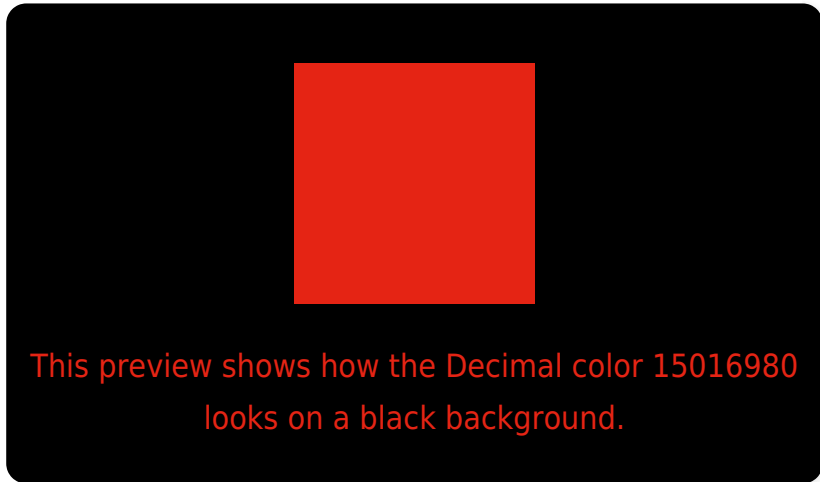
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# 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 15016980 Background



This preview shows how black text looks on a background with the Decimal color 15016980.



This preview shows how white text looks on a background with the Decimal color 15016980.

# 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](#).

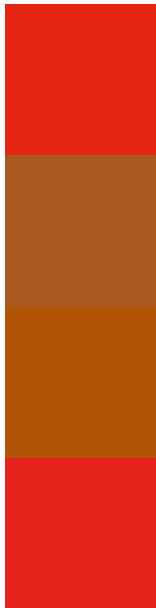
## Dichromacy





**Tritanopia**  
15016736

# Trichromacy



**Original Color**  
15016980

**Protanomaly**  
11032863

**Deuteranomaly**  
11686919

**Tritanomaly**  
15016732

# Monochromacy



**Original Color**  
15016980

**Achromatopsia**  
6052956

**Achromatomaly**  
9324610

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15016980 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 #E52414 looks like.

```
.text, #text, p{  
  color:#E52414  
}
```

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 #E52414 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E52414
}
```

## Border

The CSS property to change the border of an element to Decimal 15016980 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
#E52414 }
```

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

```
.border{ border-color:#E52414 }
```

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

Here you see how a box with a 4 pixel #E52414 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E52414; -webkit-box-shadow:4px 4px  
4px 4px #E52414; box-shadow:4px 4px 4px  
4px #E52414 }
```

# Background

The CSS property to change the background color of an element to Decimal 15016980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E52414 }
```

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

```
.background{ background-color:#E52414 }
```

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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