

# Converting Colors

Decimal(15620098)

Have a look what the booklet for  
Decimal(15620098) contains.

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**Color**

**Decimal(15620098)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EE5802
RGB	238, 88, 2
RGB Percent	93%, 35%, 1%
CMY	0.0667, 0.6549, 0.9922
CMYK	0.00, 0.63, 0.99, 0.07
HSL	22°, 98%, 47%
HSV	22°, 99%, 93%
XYZ	38.7606, 25.1610, 2.8711
YIQ	123.0460, 117.0060, 5.0540

# Conversions

## Conversions Part 2

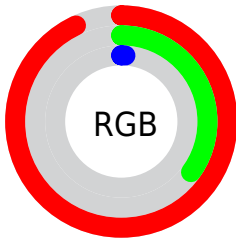
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	238, 137, 2
Decimal	15620098
CIE Lab	57.23, 55.13, 66.73
CIE LCh	57, 86.559, 50.440
Yxy	25.1610, 0.5803, 0.3767
Android (android.graphics.Color)	4293810178 (0xFFEE5802)
YUV	123.0460, -59.6757, 100.8147
Hunter-Lab	50.1607, 50.1507, 31.7189

# Details

The Decimal color **15620098** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **170222**, and the grayscale version is **8158332**.

A 20% lighter version of the original color is **16748354**, and **11344896** is the 20% darker color. If you saturate the color by 10%, you get **15619840**, and if you desaturate by 10%, it is **15623962**.

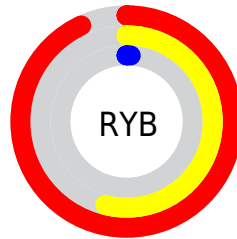
# Distribution



Red (93%)

Green (35%)

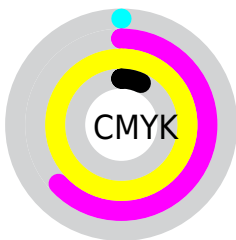
Blue (1%)



Red (93%)

Yellow (54%)

Blue (1%)

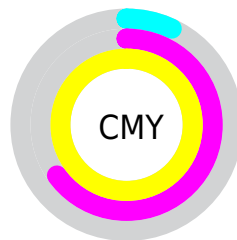


Cyan (0%)

Magenta (63%)

Yellow (99%)

Black (7%)



Cyan (7%)

Magenta (65%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15620098 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 15620098 by changing the saturation by 10% instead.



 15620098

 15620098

16777215

 13450240

 16748354

 11344896

 16755548

 9240576

 16762999

 7208960

 16770450

 5242880

 16777133

 3407874

 16777161

 0

 16777190

 15620098

 15620098

■ 15619840

■ 15623962

■ 15627826

■ 15631689

■ 15635809

■ 15639673

■ 15643537

■ 15647401

■ 15651264

■ 15655128

# Harmonies

## Analogous

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



16720730



15620098



12287488

# Triad

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



15620098



43118



3047679

# Complementary

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



15620098



170222

# 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.



39679



15620098



43452

# Square

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



15620098



41492



42750



13194987

# Rectangle

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



15620098



9408256



42750



35839



# Sweetspot

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



15620098



16764595



15598235



8413778



0



8421504



# Same Dimension

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



15620098



16735488



15649538



7893100



12075776



3675136



# Inverse Universe

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



170222



41727



140782



7107448



30136



9272



# Previews

## White Background



This preview shows how the Decimal color 15620098 looks on a white background.

## Color Contrast Check

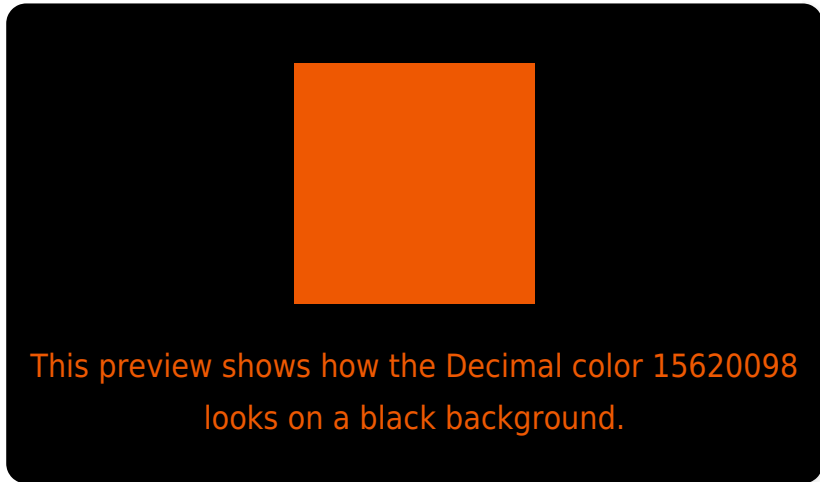
Large Text (above 18pt) WCAG AA ✓ Pass

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 15620098 Background



This preview shows how black text looks on a background with the Decimal color 15620098.



This preview shows how white text looks on a background with the Decimal color 15620098.

# 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**  
15620098

**Protanopia**  
10193432

**Deuteranopia**  
11436800



**Tritanopia**  
15749719

# Trichromacy



**Original Color**  
15620098

**Protanomaly**  
12154896

**Deuteranomaly**  
12940033

**Tritanomaly**  
15684664

# Monochromacy



**Original Color**  
15620098

**Achromatopsia**  
8092539

**Achromatomaly**  
10841679

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15620098 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 #EE5802 looks like.

```
.text, #text, p{  
    color:#EE5802  
}
```

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 #EE5802 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE5802
}
```

## Border

The CSS property to change the border of an element to Decimal 15620098 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
#EE5802 }
```

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

```
.border{ border-color:#EE5802 }
```

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

Here you see how a box with a 4 pixel #EE5802 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE5802; -webkit-box-shadow:4px 4px  
4px 4px #EE5802; box-shadow:4px 4px 4px  
4px #EE5802 }
```

# Background

The CSS property to change the background color of an element to Decimal 15620098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE5802 }
```

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

```
.background{ background-color:#EE5802 }
```

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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