

Converting Colors

Decimal(15762199)

Have a look what the booklet for
Decimal(15762199) contains.

Decimal(15762199)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(15762199)

Conversions

Conversions Part 1

Format	Color
Hex	F08317
RGB	240, 131, 23
RGB Percent	94%, 51%, 9%
CMY	0.0588, 0.4863, 0.9098
CMYK	0.00, 0.45, 0.90, 0.06
HSL	30°, 88%, 52%
HSV	30°, 90%, 94%
XYZ	44.2061, 34.8197, 5.2016
YIQ	151.2790, 99.6320, -10.4800

Conversions

Conversions Part 2

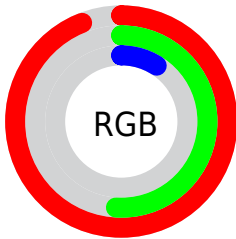
Format	Color
R _Y B	240, 238, 23
Decimal	15762199
CIE Lab	65.61, 35.63, 68.13
CIE LCh	66, 76.890, 62.391
Yxy	34.8197, 0.5248, 0.4134
Android (android.graphics.Color)	4293952279 (0xFFFF08317)
YUV	151.2790, -63.2415, 77.8083
Hunter-Lab	59.0082, 30.4592, 36.0794

Details

The Decimal color **15762199** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **1541360**, and the grayscale version is **10000536**.

A 20% lighter version of the original color is **16759122**, and **11620352** is the 20% darker color. If you saturate the color by 10%, you get **15759104**, and if you desaturate by 10%, it is **15765295**.

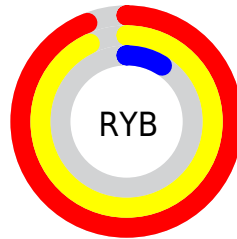
Distribution



Red (94%)

Green (51%)

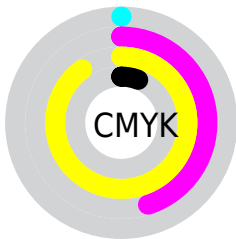
Blue (9%)



Red (94%)

Yellow (93%)

Blue (9%)

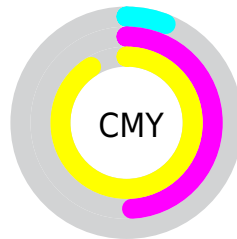


Cyan (0%)

Magenta (45%)

Yellow (90%)

Black (6%)



Cyan (6%)




















Magenta (49%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15762199 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 15762199 by changing the saturation by 10% instead.

 15762199	 15762199
16777215	 13658368
 16759122	 11620352
 16766317	 9582336
 16773768	 7610112
 16777124	 5636608
 16777152	 3866624
 16777181	 1966081
 16777210	 0
 15762199	 15762199

15759104

15765295

15768391

15771487

15774583

15777679

15780775

15783871

15786967

15790063

Harmonies

Analogous

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



16737114



15762199



12230144

Triad

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



15762199



48803



10783487

Complementary

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



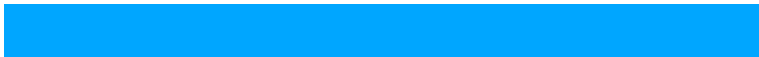
15762199



1541360

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.



42751



15762199



48872

Square

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



15762199



47707



47103



16083168

Rectangle

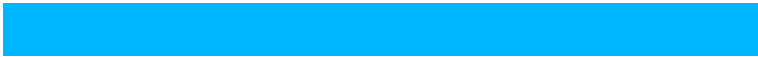
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15762199



9284352



47103



7837183

Sweetspot

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



15762199



16768186



15734663



8416087



0



8421504

Same Dimension

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



15762199



16744192



15789079



7893612



12081920



3677184

Inverse Universe

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



1541360



33023



1514480



7107192



23736



7224

Previews

White Background



This preview shows how the Decimal color 15762199 looks on a white background.

Color Contrast Check

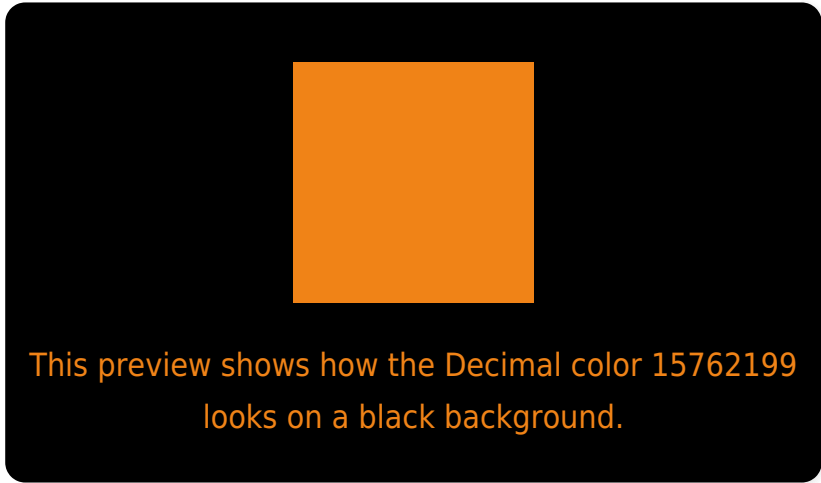
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 15762199 Background



This preview shows how black text looks on a background with the Decimal color 15762199.



This preview shows how white text looks on a background with the Decimal color 15762199.

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
15762199

Protanopia
11837471

Deuteranopia
13277184

Trichromacy



Original Color
15762199

Protanomaly
13276444

Deuteranomaly
14192648

Tritanomaly
15957340

Monochromacy



Original Color
15762199

Achromatopsia
9934743

Achromatomaly
12030056

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15762199 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 #F08317 looks like.

```
.text, #text, p{  
  color:#F08317  
}
```

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 #F08317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #F08317
}
```

Border

The CSS property to change the border of an element to Decimal 15762199 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
#F08317 }
```

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

```
.border{ border-color:#F08317 }
```

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

Here you see how a box with a 4 pixel #F08317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #F08317; -webkit-box-shadow:4px 4px  
4px 4px #F08317; box-shadow:4px 4px 4px  
4px #F08317 }
```

Background

The CSS property to change the background color of an element to Decimal 15762199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#F08317 }
```

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

```
.background{ background-color:#F08317 }
```

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