

Converting Colors

Decimal(15563824)

Have a look what the booklet for
Decimal(15563824) contains.

Decimal(15563824)	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(15563824)

Conversions

Conversions Part 1

Format	Color
Hex	ED7C30
RGB	237, 124, 48
RGB Percent	93%, 49%, 19%
CMY	0.0706, 0.5137, 0.8118
CMYK	0.00, 0.48, 0.80, 0.07
HSL	24°, 84%, 56%
HSV	24°, 80%, 93%
XYZ	42.6662, 32.6332, 6.8464
YIQ	149.1230, 91.7440, 0.3200

Conversions

Conversions Part 2

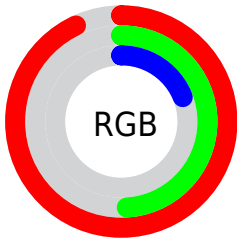
Format	Color
R _Y B	237, 175, 48
Decimal	15563824
CIE Lab	63.86, 38.60, 58.16
CIE LCh	64, 69.810, 56.427
Yxy	32.6332, 0.5194, 0.3973
Android (android.graphics.Color)	4293753904 (0xFFED7C30)
YUV	149.1230, -49.8536, 77.0681
Hunter-Lab	57.1255, 33.3494, 32.8820

Details

The Decimal color **15563824** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **3187181**, and the grayscale version is **9868950**.

A 20% lighter version of the original color is **16757348**, and **11421952** is the 20% darker color. If you saturate the color by 10%, you get **15560216**, and if you desaturate by 10%, it is **15567432**.

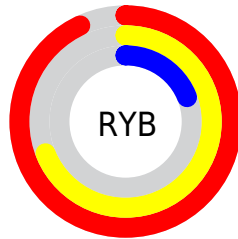
Distribution



Red (93%)

Green (49%)

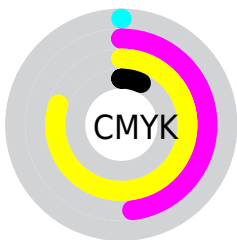
Blue (19%)



Red (93%)

Yellow (69%)

Blue (19%)

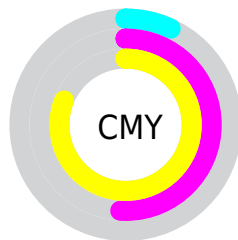


Cyan (0%)

Magenta (48%)

Yellow (80%)

Black (7%)



Cyan (7%)




















Magenta (51%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15563824 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 15563824 by changing the saturation by 10% instead.

 15563824	 15563824
 16777215	 13525524
 16757348	 11421952
 16764542	 9449216
 16771993	 7476480
 16777141	 5505024
 16777169	 3735552
 16777197	 1638401
	 0
 15563824	 15563824

 15560216

 15567432

 15556609

 15571039

 15556352

 15574903

 15578511

 15582118

 15585726

 15589334

 15592942

 15596799

Harmonies

Analogous

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



16736871



15563824



12555520

Triad

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



15563824



46993



9145855

Complementary

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



15563824



3187181

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.



42239



15563824



47057

Square

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



15563824



1618513



45823



14577889

Rectangle

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



15563824



10068480



45823



6002431

Sweetspot

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



15563824



16767682



15544481



8415579



0



8421504

Same Dimension

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



15563824



16739594



15587888



7695978



11880704



3544576

Inverse Universe

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



3187181



695807



3163117



6975861



27829



8246

Previews

White Background



This preview shows how the Decimal color 15563824 looks on a white background.

Color Contrast Check

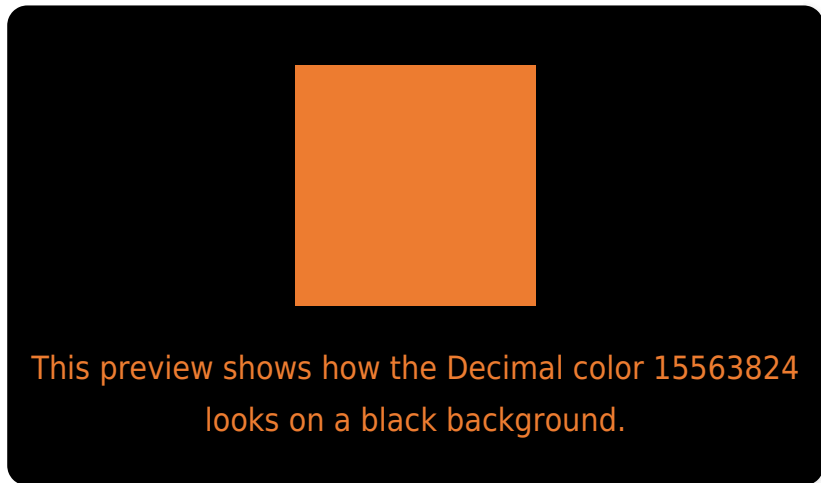
Large Text (above 18pt) WCAG AA × Fail

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 15563824 Background



This preview shows how black text looks on a background with the Decimal color 15563824.




This preview shows how white text looks on a background with the Decimal color 15563824.

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
15823996

Trichromacy



Original Color
15563824

Protanomaly
12881973

Deuteranomaly
13798187

Tritanomaly
15759200

Monochromacy



Original Color
15563824

Achromatopsia
9803157

Achromatomaly
11897968

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15563824 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 #ED7C30 looks like.

```
.text, #text, p{  
    color:#ED7C30  
}
```

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 #ED7C30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED7C30
}
```

Border

The CSS property to change the border of an element to Decimal 15563824 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
#ED7C30 }
```

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

```
.border{ border-color:#ED7C30 }
```

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

Here you see how a box with a 4 pixel #ED7C30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED7C30; -webkit-box-shadow:4px 4px  
4px 4px #ED7C30; box-shadow:4px 4px 4px  
4px #ED7C30 }
```

Background

The CSS property to change the background color of an element to Decimal 15563824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED7C30 }
```

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

```
.background{ background-color:#ED7C30 }
```

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