

Converting Colors

Decimal(15566144)

Have a look what the booklet for
Decimal(15566144) contains.

Decimal(15566144)	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(15566144)

Conversions

Conversions Part 1

Format	Color
Hex	ED8540
RGB	237, 133, 64
RGB Percent	93%, 52%, 25%
CMY	0.0706, 0.4784, 0.7490
CMYK	0.00, 0.44, 0.73, 0.07
HSL	24°, 83%, 59%
HSV	24°, 73%, 93%
XYZ	44.2380, 35.1497, 9.3035
YIQ	156.2300, 84.1330, 0.5890

Conversions

Conversions Part 2

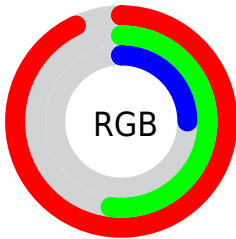
Format	Color
R _{YB}	237, 179, 64
Decimal	15566144
CIE Lab	65.87, 34.62, 53.06
CIE LCh	66, 63.352, 56.876
Yxy	35.1497, 0.4988, 0.3963
Android (android.graphics.Color)	4293756224 (0xFFED8540)
YUV	156.2300, -45.4694, 70.8353
Hunter-Lab	59.2872, 29.4376, 32.1971

Details

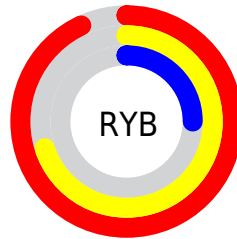
The Decimal color **15566144** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **4237549**, and the grayscale version is **10329501**.

A 20% lighter version of the original color is **16759667**, and **11489801** is the 20% darker color. If you saturate the color by 10%, you get **15562536**, and if you desaturate by 10%, it is **15569752**.

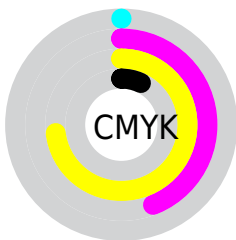
Distribution



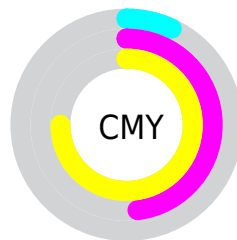
- Red (93%)
- Green (52%)
- Blue (25%)



- Red (93%)
- Yellow (70%)
- Blue (25%)



- Cyan (0%)
- Magenta (44%)
- Yellow (73%)
- Black (7%)




















- Cyan (7%)
- Magenta (48%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15566144 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 15566144 by changing the saturation by 10% instead.

 15566144	 15566144
16777215	 13527847
 16759667	 11489801
 16766862	 9517312
 16774313	 7545088
 16777156	 5637376
 16777185	 3801088
16777214	 1966081
	 0
 15566144	 15566144

15562536

15569752

15558929

15573359

15556352

15577223

15580831

15584439

15588046

15591910

15595518

15597567

Harmonies

Analogous

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



16740464



15566144



12753697

Triad

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



15566144



48024



9868287

Complementary

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



15566144



4237549

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.



43263



15566144



48082

Square

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



15566144



3847775



46591



14646239

Rectangle

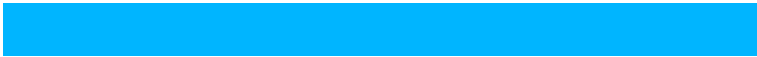
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15566144



10463014



46591



7379967

Sweetspot

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



15566144



16768455



15548587



8416350



0



8421504

Same Dimension

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



15566144



16742431



15587648



7695978



11880448



3544320

Inverse Universe

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



4237549



2074111



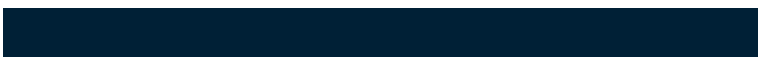
4216045



6975861



28085



8246

Previews

White Background



This preview shows how the Decimal color 15566144 looks on a white background.

Color Contrast Check

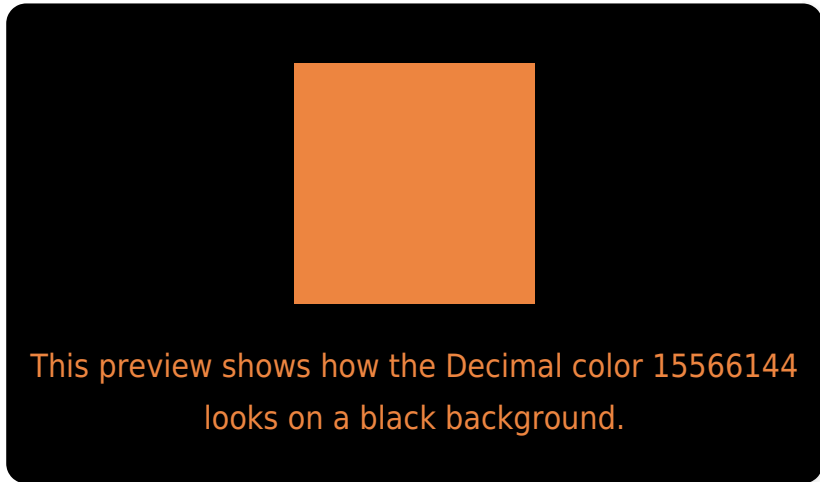
Large Text (above 18pt) WCAG AA × Fail

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

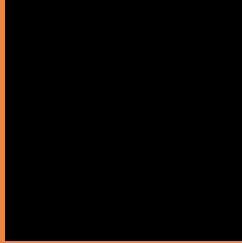
Any Text WCAG AA ✓ Pass

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 15566144 Background



This preview shows how black text looks on a background with the Decimal color 15566144.



This preview shows how white text looks on a background with the Decimal color 15566144.

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
15566144

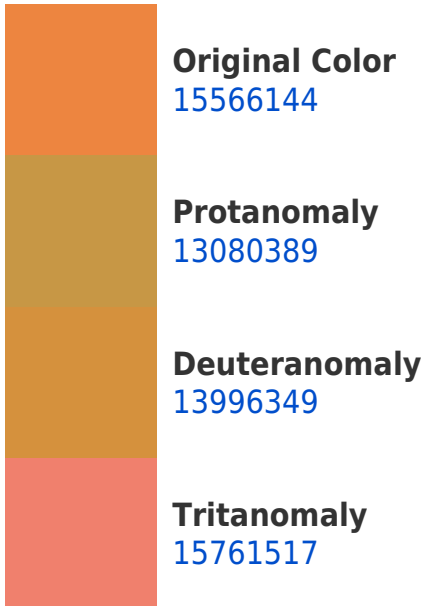
Protanopia
11706696

Deuteranopia
13146171



Tritanopia
15826310

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 15566144 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 #ED8540 looks like.

```
.text, #text, p{  
  color:#ED8540  
}
```

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 #ED8540 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #ED8540
}
```

Border

The CSS property to change the border of an element to Decimal 15566144 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
#ED8540 }
```

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

```
.border{ border-color:#ED8540 }
```

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

Here you see how a box with a 4 pixel #ED8540 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #ED8540; -webkit-box-shadow:4px 4px  
4px 4px #ED8540; box-shadow:4px 4px 4px  
4px #ED8540 }
```

Background

The CSS property to change the background color of an element to Decimal 15566144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#ED8540 }
```

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

```
.background{ background-color:#ED8540 }
```

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