

# Converting Colors

Decimal(15630126)

Have a look what the booklet for  
Decimal(15630126) contains.

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# **Color**

**Decimal(15630126)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EE7F2E
RGB	238, 127, 46
RGB Percent	93%, 50%, 18%
CMY	0.0667, 0.5020, 0.8196
CMYK	0.00, 0.47, 0.81, 0.07
HSL	25°, 85%, 56%
HSV	25°, 81%, 93%
XYZ	43.3424, 33.5531, 6.7768
YIQ	150.9550, 92.1570, -1.6590

# Conversions

## Conversions Part 2

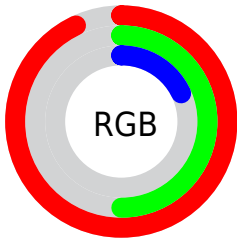
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	238, 186, 46
Decimal	15630126
CIE Lab	64.61, 37.41, 59.72
CIE LCh	65, 70.468, 57.933
Yxy	33.5531, 0.5180, 0.4010
Android (android.graphics.Color)	4293820206 (0xFFEE7F2E)
YUV	150.9550, -51.7428, 76.3385
Hunter-Lab	57.9251, 32.1937, 33.6111

# Details

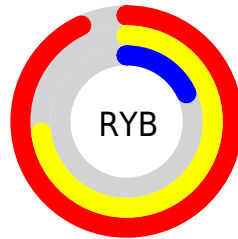
The Decimal color **15630126** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **3055086**, and the grayscale version is **9934743**.

A 20% lighter version of the original color is **16758114**, and **11488256** is the 20% darker color. If you saturate the color by 10%, you get **15626518**, and if you desaturate by 10%, it is **15633734**.

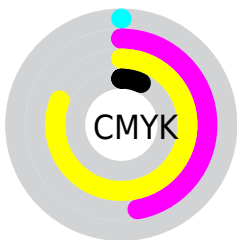
# Distribution



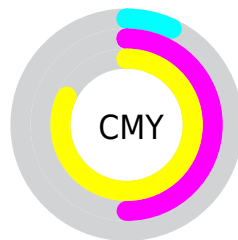
- Red (93%)
- Green (50%)
- Blue (18%)



- Red (93%)
- Yellow (73%)
- Blue (18%)



- Cyan (0%)
- Magenta (47%)
- Yellow (81%)
- Black (7%)



- Cyan (7%)
- Magenta (50%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15630126 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 15630126 by changing the saturation by 10% instead.



 15630126

 15630126

16777215

 13591824

 16758114

 11488256

 16765309

 9515776

 16772760

 7543040

 16777139

 5570560

 16777167

 3801088

 16777196

 1769473

 0

 15630126

 15630126

15626518

15633734

15623168

15637342

15640693

15644301

15647909

15651517

15654869

15658476

15662079

# Harmonies

## Analogous

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



16737638



15630126



12556288

# Triad

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



15630126



47510



9604863

# Complementary

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



15630126



3055086

# 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



15630126



47574

# Square

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



15630126



46422



46335



14971105

# Rectangle

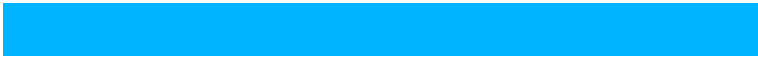
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15630126



9938176



46335



6658047

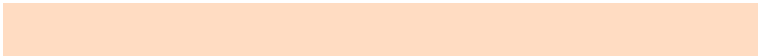


# Sweetspot

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



15630126



16768194



15609502



8415835



0



8421504



# Same Dimension

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



15630126



16740360



15654446



7893356



12078336



3676160



# Inverse Universe

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



3055086



563199



3030766



7107448



27320



8248



# Previews

## White Background



This preview shows how the Decimal color 15630126 looks on a white background.

## Color Contrast Check

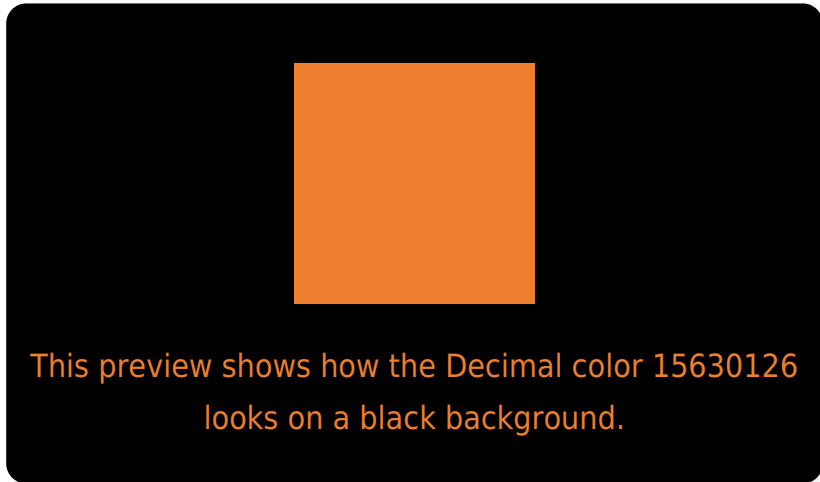
Large Text (above 18pt) WCAG AA × Fail

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 15630126 Background



This preview shows how black text looks on a background with the Decimal color 15630126.



This preview shows how white text looks on a background with the Decimal color 15630126.

# 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**  
15630126

**Protanopia**  
11574582

**Deuteranopia**  
13014309



**Tritanopia**  
15890303

# Trichromacy



**Original Color**  
15630126

**Protanomaly**  
13079091

**Deuteranomaly**  
13995304

**Tritanomaly**  
15825506

# Monochromacy



**Original Color**  
15630126

**Achromatopsia**  
9934743

**Achromatomaly**  
12029553

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15630126 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 #EE7F2E looks like.

```
.text, #text, p{  
  color:#EE7F2E  
}
```

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 #EE7F2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #EE7F2E
}
```

## Border

The CSS property to change the border of an element to Decimal 15630126 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
#EE7F2E }
```

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

```
.border{ border-color:#EE7F2E }
```

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

Here you see how a box with a 4 pixel #EE7F2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #EE7F2E; -webkit-box-shadow:4px 4px  
4px 4px #EE7F2E; box-shadow:4px 4px 4px  
4px #EE7F2E }
```

# Background

The CSS property to change the background color of an element to Decimal 15630126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#EE7F2E }
```

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

```
.background{ background-color:#EE7F2E }
```

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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