

# Converting Colors

Decimal(15037736)

Have a look what the booklet for  
Decimal(15037736) contains.

<b>Decimal(15037736)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(15037736)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E57528
RGB	229, 117, 40
RGB Percent	90%, 46%, 16%
CMY	0.1020, 0.5412, 0.8431
CMYK	0.00, 0.49, 0.83, 0.10
HSL	24°, 78%, 53%
HSV	24°, 83%, 90%
XYZ	39.0574, 29.5338, 5.6495
YIQ	141.7100, 91.4690, -0.2030

# Conversions

## Conversions Part 2

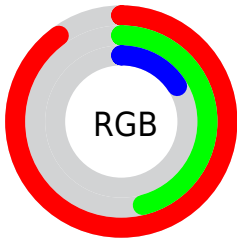
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	229, 170, 40
Decimal	15037736
CIE Lab	61.25, 38.75, 58.59
CIE LCh	61, 70.250, 56.519
Yxy	29.5338, 0.5261, 0.3978
Android (android.graphics.Color)	4293227816 (0xFFE57528)
YUV	141.7100, -50.1430, 76.5533
Hunter-Lab	54.3450, 33.1830, 31.8779

# Details

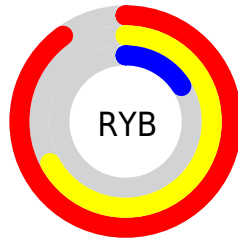
The Decimal color **15037736** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **2660581**, and the grayscale version is **9342606**.

A 20% lighter version of the original color is **16755548**, and **10961408** is the 20% darker color. If you saturate the color by 10%, you get **15034129**, and if you desaturate by 10%, it is **15041343**.

# Distribution



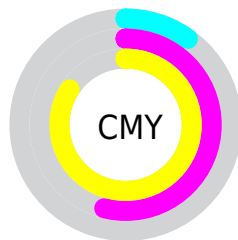
- Red (90%)
- Green (46%)
- Blue (16%)



- Red (90%)
- Yellow (67%)
- Blue (16%)



- Cyan (0%)
- Magenta (49%)
- Yellow (83%)
- Black (10%)





















- Cyan (10%)
- Magenta (54%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 15037736 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 15037736 by changing the saturation by 10% instead.



 15037736	 15037736
16777215	 12999432
 16755548	 10961408
 16762486	 8923392
 16769937	 6949888
 16777132	 5046272
 16777160	 3342337
 16777189	 196608
	 0
 15037736	 15037736

15034129

15041343

15031552

15044694

15048301

15051652

15055259

15058609

15062216

15065823

15069174

# Harmonies

## Analogous

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



16734816



15037736



12029696

# Triad

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



15037736



45194



8619775

# Complementary

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



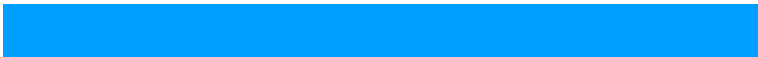
15037736



2660581

# 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.



40703



15037736



45258

# Square

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



15037736



43851



44027



14117337

# Rectangle

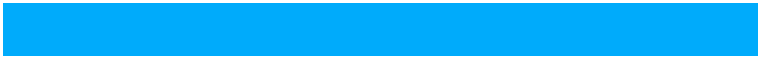
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15037736



9542400



44027



5345279



# Sweetspot

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



15037736



16767423



15018137



8415577



0



8421504



# Same Dimension

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



15037736



16738563



15061544



7564391



11749632



3347712

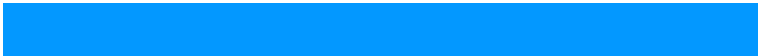


# Inverse Universe

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



2660581



235775



2636773



6778483



27315



7731



# Previews

## White Background



This preview shows how the Decimal color 15037736 looks on a white background.

## Color Contrast Check

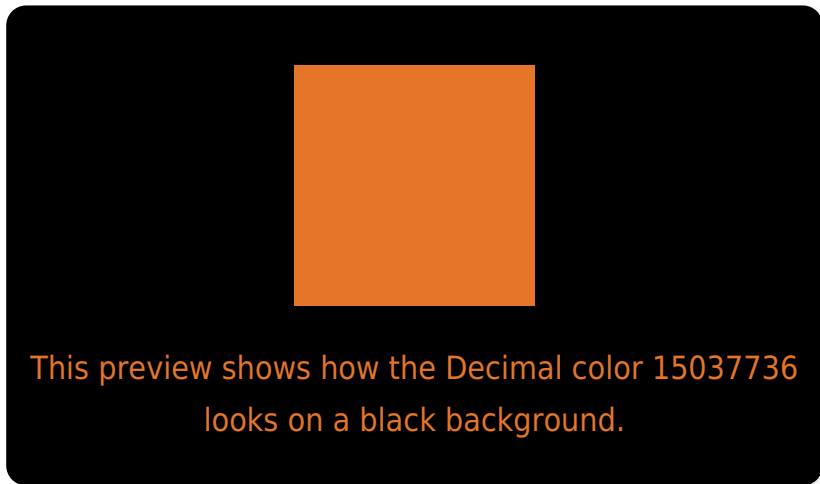
Large Text (above 18pt) WCAG AA ✓ Pass

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 15037736 Background



This preview shows how black text looks on a background with the Decimal color 15037736.



This preview shows how white text looks on a background with the Decimal color 15037736.

# 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**  
15037736

**Protanopia**  
10917168

**Deuteranopia**  
12291358



**Tritanopia**  
15232373

# Trichromacy



**Original Color**  
15037736

**Protanomaly**  
12421421

**Deuteranomaly**  
13272098

**Tritanomaly**  
15167577

# Monochromacy



**Original Color**  
15037736

**Achromatopsia**  
9342606

**Achromatomaly**  
11437417

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 15037736 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 #E57528 looks like.

```
.text, #text, p{  
    color:#E57528  
}
```

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 #E57528 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E57528
}
```

## Border

The CSS property to change the border of an element to Decimal 15037736 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
#E57528 }
```

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

```
.border{ border-color:#E57528 }
```

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

Here you see how a box with a 4 pixel #E57528 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E57528; -webkit-box-shadow:4px 4px  
4px 4px #E57528; box-shadow:4px 4px 4px  
4px #E57528 }
```

# Background

The CSS property to change the background color of an element to Decimal 15037736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E57528 }
```

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

```
.background{ background-color:#E57528 }
```

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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