

Converting Colors

Decimal(15036186)

Have a look what the booklet for
Decimal(15036186) contains.

Decimal(15036186)	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(15036186)

Conversions

Conversions Part 1

Format	Color
Hex	E56F1A
RGB	229, 111, 26
RGB Percent	90%, 44%, 10%
CMY	0.1020, 0.5647, 0.8980
CMYK	0.00, 0.52, 0.89, 0.10
HSL	25°, 80%, 50%
HSV	25°, 89%, 90%
XYZ	38.1840, 28.1015, 4.3889
YIQ	136.5920, 97.6130, -1.4190

Conversions

Conversions Part 2

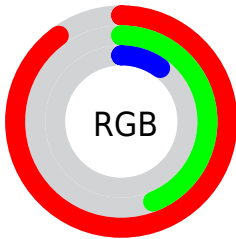
Format	Color
R_{YB}	229, 172, 26
Decimal	15036186
CIE _{Lab}	59.98, 41.43, 62.43
CIE _{LCh}	60, 74.926, 56.426
Yxy	28.1015, 0.5403, 0.3976
Android (android.graphics.Color)	4293226266 (0xFFE56F1A)
YUV	136.5920, -54.5219, 81.0418
Hunter-Lab	53.0108, 35.8056, 32.1988

Details

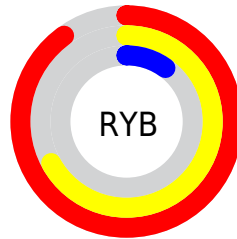
The Decimal color **15036186** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1741029**, and the grayscale version is **9013641**.

A 20% lighter version of the original color is **16754001**, and **10894336** is the 20% darker color. If you saturate the color by 10%, you get **15032835**, and if you desaturate by 10%, it is **15039537**.

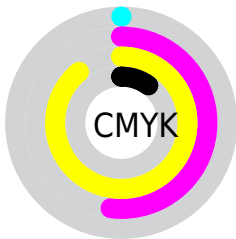
Distribution



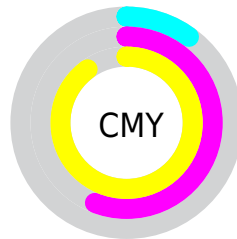
- Red (90%)
- Green (44%)
- Blue (10%)



- Red (90%)
- Yellow (67%)
- Blue (10%)



- Cyan (0%)
- Magenta (52%)
- Yellow (89%)
- Black (10%)





















- Cyan (10%)
- Magenta (56%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15036186 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 15036186 by changing the saturation by 10% instead.

 15036186	 15036186
16777215	 12932352
 16754001	 10894336
 16760939	 8855808
 16768390	 6881280
 16775841	 4980736
 16777149	 3342338
 16777177	 0
 16777206	
 15036186	 15036186

15032835

15039537

15032320

15043144

15046495

15049846

15053452

15056803

15060154

15063505

15067112

Harmonies

Analogous

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



16732250



15036186



11832064

Triad

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



15036186



44422



8094463

Complementary

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



15036186



1741029

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.



39935



15036186



44746

Square

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



15036186



43074



43518



14115291

Rectangle

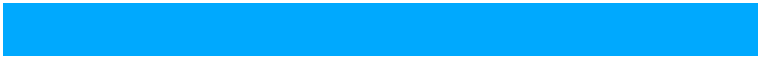
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15036186



9214208



43518



4033791

Sweetspot

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



15036186



16766906



15014544



8415319



0



8421504

Same Dimension

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



15036186



16739072



15062042



7564391



11750144



3347712

Inverse Universe

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



1741029



38143



1715173



6778483



26803



7731

Previews

White Background



This preview shows how the Decimal color 15036186 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



This preview shows how the Decimal color 15036186 looks on a 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 15036186 Background



This preview shows how black text looks on a background with the Decimal color 15036186.



This preview shows how white text looks on a background with the Decimal color 15036186.

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
15036186

Protanopia
10719523

Deuteranopia
12028416



Tritanopia
15231087

Trichromacy



Original Color
15036186

Protanomaly
12289312

Deuteranomaly
13139977

Tritanomaly
15166288

Monochromacy



Original Color
15036186

Achromatopsia
9013641

Achromatomaly
11173985

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15036186 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 #E56F1A looks like.

```
.text, #text, p{  
    color:#E56F1A  
}
```

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 #E56F1A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #E56F1A
}
```

Border

The CSS property to change the border of an element to Decimal 15036186 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
#E56F1A }
```

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

```
.border{ border-color:#E56F1A }
```

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

Here you see how a box with a 4 pixel #E56F1A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #E56F1A; -webkit-box-shadow:4px 4px  
4px 4px #E56F1A; box-shadow:4px 4px 4px  
4px #E56F1A }
```

Background

The CSS property to change the background color of an element to Decimal 15036186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#E56F1A }
```

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

```
.background{ background-color:#E56F1A }
```

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