

Converting Colors

Decimal(14571776)

Have a look what the booklet for
Decimal(14571776) contains.

Decimal(14571776)	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(14571776)

Conversions

Conversions Part 1

Format	Color
Hex	DE5900
RGB	222, 89, 0
RGB Percent	87%, 35%, 0%
CMY	0.1294, 0.6510, 1.0000
CMYK	0.00, 0.60, 1.00, 0.13
HSL	24°, 100%, 44%
HSV	24°, 100%, 87%
XYZ	33.6966, 22.6744, 2.6006
YIQ	118.6210, 107.8370, 0.5170

Conversions

Conversions Part 2

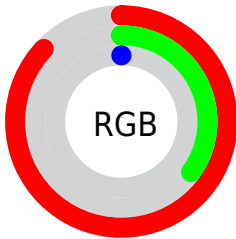
Format	Color
RYB	222, 149, 0
Decimal	14571776
CIELab	54.74, 48.98, 64.36
CIELCh	55, 80.880, 52.726
Yxy	22.6744, 0.5714, 0.3845
Android (android.graphics.Color)	4292761856 (0xFFDE5900)
YUV	118.6210, -58.4802, 90.6634
Hunter-Lab	47.6176, 42.9847, 30.0943

Details

The Decimal color **14571776** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed red. A complement of this color would be **34270**, and the grayscale version is **7829367**.

A 20% lighter version of the original color is **16748352**, and **10363392** is the 20% darker color. If you saturate the color by 10%, you get **14571776**, and if you desaturate by 10%, it is **14575126**.

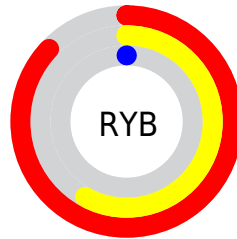
Distribution



Red (87%)

Green (35%)

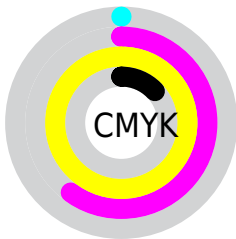
Blue (0%)



Red (87%)

Yellow (58%)

Blue (0%)

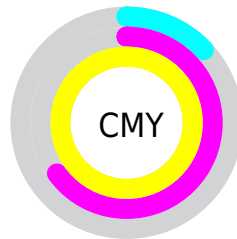


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (13%)



Cyan (13%)

Magenta (65%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 14571776 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 14571776 by changing the saturation by 10% instead.

 14571776

 14571776

16777215

 12467712

 16748352

 10363392

 16755546

 8323072

 16762740

 6356992

 16769935

 4456448

 16777131

 2621441

 16777159

 0

 16777188

 14571776

 14575126

 14578732

 14582083

 14585433

 14588783

 14592389

 14595739

 14599090

 14602696

Harmonies

Analogous

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



16330322



14571776



11368960

Triad

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



14571776



41071



5011711

Complementary

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



14571776



34270

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.



37375



14571776



41399

Square

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



14571776



39457



40434



12866009

Rectangle

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



14571776



8685824



40434



33535

Sweetspot

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



14571776



16765363



14549125



8414290



0



8421504

Same Dimension

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



14571776



16737792



14600192



7367013



11552512



3150592

Inverse Universe

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



34270



39423



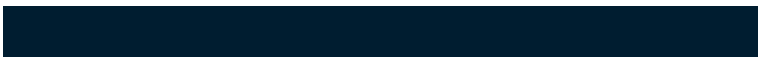
5854



6646896



27056



7472

Previews

White Background



This preview shows how the Decimal color 14571776 looks on a white background.

Color Contrast Check

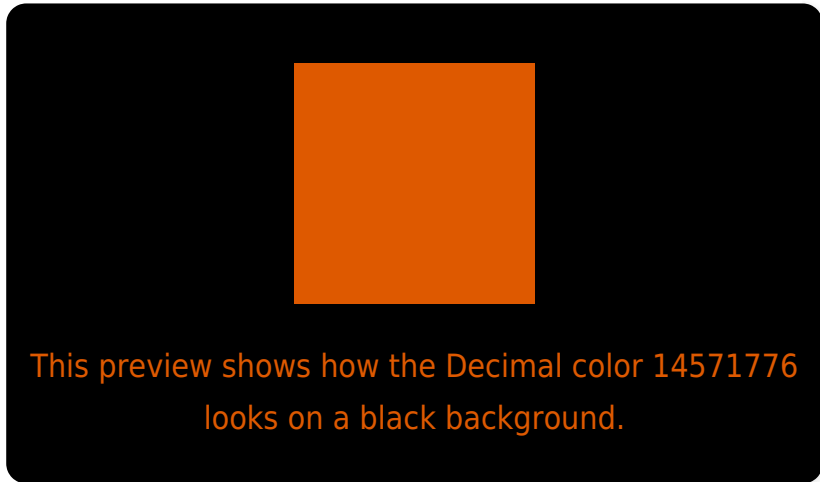
Large Text (above 18pt) WCAG AA ✓ Pass

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 14571776 Background



This preview shows how black text looks on a background with the Decimal color 14571776.



This preview shows how white text looks on a background with the Decimal color 14571776.

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
14571776

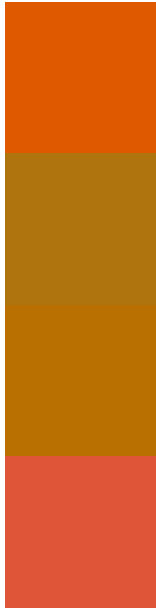
Protanopia
9733142

Deuteranopia
10910976



Tritanopia
14701400

Trichromacy



Original Color
14571776

Protanomaly
11498510

Deuteranomaly
12218368

Tritanomaly
14636344

Monochromacy



Original Color
14571776

Achromatopsia
7829367

Achromatomaly
10251340

CSS Examples

Text

The CSS property to change the color of the text to Decimal 14571776 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 #DE5900 looks like.

```
.text, #text, p{  
    color:#DE5900  
}
```

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 #DE5900 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DE5900
}
```

Border

The CSS property to change the border of an element to Decimal 14571776 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
#DE5900 }
```

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

```
.border{ border-color:#DE5900 }
```

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

Here you see how a box with a 4 pixel #DE5900 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DE5900; -webkit-box-shadow:4px 4px  
4px 4px #DE5900; box-shadow:4px 4px 4px  
4px #DE5900 }
```

Background

The CSS property to change the background color of an element to Decimal 14571776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DE5900 }
```

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

```
.background{ background-color:#DE5900 }
```

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