

# Converting Colors

Decimal(13856595)

Have a look what the booklet for  
Decimal(13856595) contains.

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# Color

**Decimal(13856595)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D36F53
RGB	211, 111, 83
RGB Percent	83%, 44%, 33%
CMY	0.1725, 0.5647, 0.6745
CMYK	0.00, 0.47, 0.61, 0.17
HSL	13°, 59%, 58%
HSV	13°, 61%, 83%
XYZ	34.1097, 25.8423, 11.3739
YIQ	137.7080, 68.5880, 12.4920

# Conversions

## Conversions Part 2

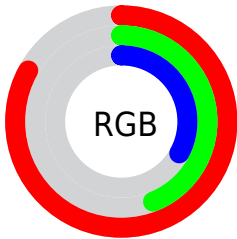
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	211, 119, 83
Decimal	13856595
CIE Lab	57.89, 36.84, 33.20
CIE LCh	58, 49.592, 42.026
Yxy	25.8423, 0.4782, 0.3623
Android (android.graphics.Color)	4292046675 (0xFFD36F53)
YUV	137.7080, -26.9710, 64.2771
Hunter-Lab	50.8353, 30.8090, 22.3192

# Details

The Decimal color **13856595** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **5486547**, and the grayscale version is **9079434**.

A 20% lighter version of the original color is **16753797**, and **9911333** is the 20% darker color. If you saturate the color by 10%, you get **13852478**, and if you desaturate by 10%, it is **13860712**.

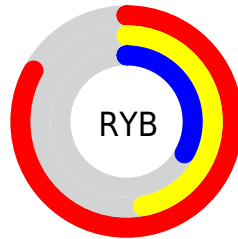
# Distribution



Red (83%)

Green (44%)

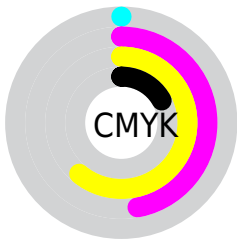
Blue (33%)



Red (83%)

Yellow (47%)

Blue (33%)

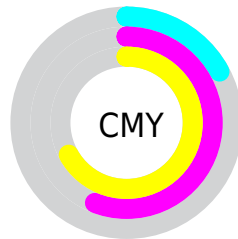


Cyan (0%)

Magenta (47%)

Yellow (61%)

Black (17%)



Cyan (17%)

Magenta (56%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13856595 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 13856595 by changing the saturation by 10% instead.



 13856595

 13856595

16777215

 11883835

 16753797

 9911333

 16760991

 8004367

 16768187

 6161920

 16775638

 4325376

 16777203

 2686977

 0

 13856595

 13856595

 13852478

 13860712

 13848105

 13865085

 13843988

 13869202

 13839872

 13873575

 13877692

 13882066

 13886183

 13890556

 13893631

# Harmonies

## Analogous

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



14378363



13856595



12156726

# Triad

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



13856595



40815



6130400

# Complementary

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



13856595



5486547

# 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.



38877



13856595



41372

# Square

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



13856595



6527304



40644



10844364

# Rectangle

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



13856595



10521135



40644



3510242

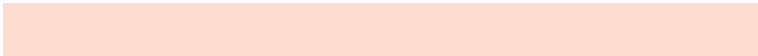


# Sweetspot

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



13856595



16767953



13849527



8415843



0



8421504



# Same Dimension

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



13856595



16739909



13872979



6905950



11019520



2689280



# Inverse Universe

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



5486547



4577023



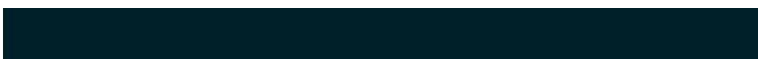
5470163



6186601



33704



8233



# Previews

## White Background



This preview shows how the Decimal color 13856595 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 13856595 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 13856595 Background



This preview shows how black text looks on a background with the Decimal color 13856595.



This preview shows how white text looks on a background with the Decimal color 13856595.

# 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**  
13856595

**Protanopia**  
9931870

**Deuteranopia**  
11175247



**Tritanopia**  
13986674

# Trichromacy



**Original Color**  
13856595

**Protanomaly**  
11370842

**Deuteranomaly**  
12156240

**Tritanomaly**  
13921383

# Monochromacy



**Original Color**  
13856595

**Achromatopsia**  
9079434

**Achromatomaly**  
10846326

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13856595 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 #D36F53 looks like.

```
.text, #text, p{  
  color:#D36F53  
}
```

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 #D36F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D36F53  
}
```

## Border

The CSS property to change the border of an element to Decimal 13856595 is called "border". The border property can be set on classes, ids or directly on the HTML element.

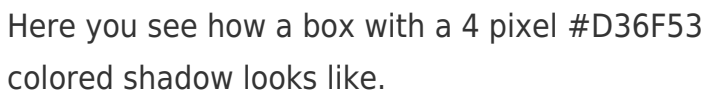
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#D36F53 }
```

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

```
.border{ border-color:#D36F53 }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, positioned to the right and bottom of the box.

Here you see how a box with a 4 pixel #D36F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D36F53; -webkit-box-shadow:4px 4px  
4px 4px #D36F53; box-shadow:4px 4px 4px  
4px #D36F53 }
```

# Background

The CSS property to change the background color of an element to Decimal 13856595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D36F53 }
```

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

```
.background{ background-color:#D36F53 }
```

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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