

# Converting Colors

Decimal(13720582)

Have a look what the booklet for  
Decimal(13720582) contains.

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# Color

**Decimal(13720582)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D15C06
RGB	209, 92, 6
RGB Percent	82%, 36%, 2%
CMY	0.1804, 0.6392, 0.9765
CMYK	0.00, 0.56, 0.97, 0.18
HSL	25°, 94%, 42%
HSV	25°, 97%, 82%
XYZ	30.1545, 21.2228, 2.6794
YIQ	117.1790, 97.3380, -1.9420

# Conversions

## Conversions Part 2

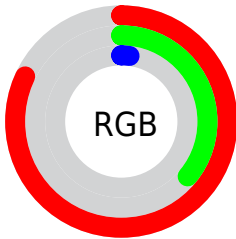
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 155, 6
Decimal	13720582
CIE <sub>Lab</sub>	53.19, 42.77, 61.12
CIE <sub>LCh</sub>	53, 74.604, 55.017
Yxy	21.2228, 0.5578, 0.3926
Android (android.graphics.Color)	4291910662 (0xFFD15C06)
YUV	117.1790, -54.8112, 80.5270
Hunter-Lab	46.0682, 36.2202, 28.7993

# Details

The Decimal color **13720582** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed red. A complement of this color would be **424913**, and the grayscale version is **7763574**.

A 20% lighter version of the original color is **16748866**, and **9644032** is the 20% darker color. If you saturate the color by 10%, you get **13719808**, and if you desaturate by 10%, it is **13723675**.

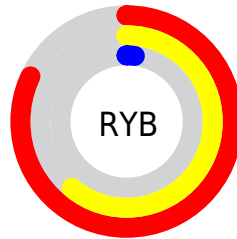
# Distribution



Red (82%)

Green (36%)

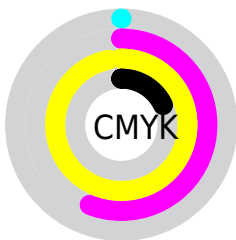
Blue (2%)



Red (82%)

Yellow (61%)

Blue (2%)

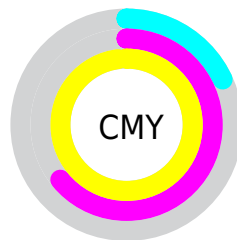


Cyan (0%)

Magenta (56%)

Yellow (97%)

Black (18%)



Cyan (18%)

Magenta (64%)




















Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13720582 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 13720582 by changing the saturation by 10% instead.



 13720582	 13720582
 16777215	 11682304
 16748866	 9644032
 16755804	 7604224
 16762999	 5636096
 16770449	 3866624
 16777133	 1703937
 16777161	 0
 16777190	
 13720582	 13720582

■ 13719808

■ 13723675

■ 13726768

■ 13729861

■ 13732954

■ 13736047

■ 13739139

■ 13742232

■ 13745325

■ 13748418

# Harmonies

## Analogous

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



15415629



13720582



10713344

# Triad

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



13720582



39538



6255605

# Complementary

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



13720582



424913

# 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.



35583



13720582



39860

# Square

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



13720582



38190



38888



12603594

# Rectangle

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



13720582



8160768



38888



31997



# Sweetspot

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



13720582



16766133



13698684



8414803



0



8421504



# Same Dimension

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



13720582



16739328



13746182



6906718



11028224



2691328



# Inverse Universe

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



424913



37887



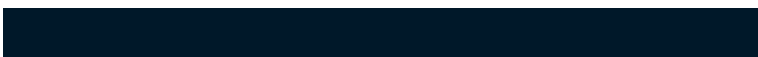
399313



6186089



25000



6185



# Previews

## White Background



This preview shows how the Decimal color 13720582 looks on a white background.

## Color Contrast Check

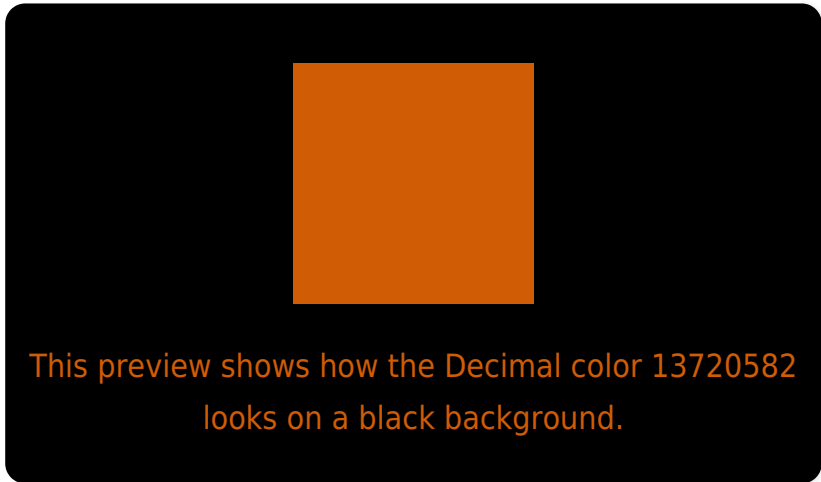
Large Text (above 18pt) WCAG AA ✓ Pass

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 13720582 Background



This preview shows how black text looks on a background with the Decimal color 13720582.



This preview shows how white text looks on a background with the Decimal color 13720582.

# 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



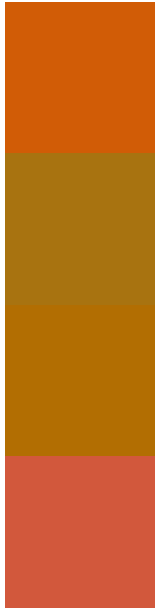
**Original Color**  
13720582

**Protanopia**  
9469973

**Deuteranopia**  
10582272



# Trichromacy



**Original Color**  
13720582

**Protanomaly**  
11039504

**Deuteranomaly**  
11693570

**Tritanomaly**  
13785148

# Monochromacy



**Original Color**  
13720582

**Achromatopsia**  
7697781

**Achromatomaly**  
9858125

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13720582 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 #D15C06 looks like.

```
.text, #text, p{  
    color:#D15C06  
}
```

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 #D15C06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D15C06
}
```

## Border

The CSS property to change the border of an element to Decimal 13720582 is called "border". The border property can be set on classes, ids or directly on the HTML element.

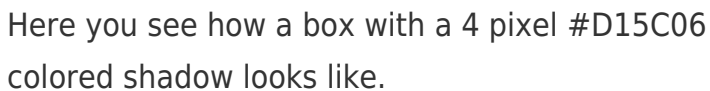
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#D15C06 }
```

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

```
.border{ border-color:#D15C06 }
```

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 thick orange line that is 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #D15C06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D15C06; -webkit-box-shadow:4px 4px  
4px 4px #D15C06; box-shadow:4px 4px 4px  
4px #D15C06 }
```

# Background

The CSS property to change the background color of an element to Decimal 13720582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D15C06 }
```

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

```
.background{ background-color:#D15C06 }
```

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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