

Converting Colors

Hex(D56217)

Have a look what the booklet for
Hex(D56217) contains.

Hex(D56217)	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

Hex(D56217)

Conversions

Conversions Part 1

Format	Color
Hex	D56217
RGB	213, 98, 23
RGB Percent	84%, 38%, 9%
CMY	0.1647, 0.6157, 0.9098
CMYK	0.00, 0.54, 0.89, 0.16
HSL	24°, 81%, 46%
HSV	24°, 89%, 84%
XYZ	31.9629, 22.9434, 3.5545
YIQ	123.8350, 92.6150, 1.0550

Conversions

Conversions Part 2

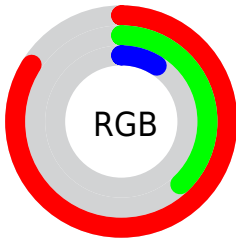
Format	Color
R_{YB}	213, 147, 23
Decimal	13984279
CIE _{Lab}	55.01, 41.61, 58.52
CIE _{LCh}	55, 71.801, 54.587
Yxy	22.9434, 0.5467, 0.3925
Android (android.graphics.Color)	4292174359 (0xFFD56217)
YUV	123.8350, -49.7117, 78.1977
Hunter-Lab	47.8992, 35.2885, 29.1297

Details

The Hex color **D56217** 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 **178AD5**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **FF974C**, and **972E00** is the 20% darker color. If you saturate the color by 10%, you get **D55502**, and if you desaturate by 10%, it is **D56F2C**.

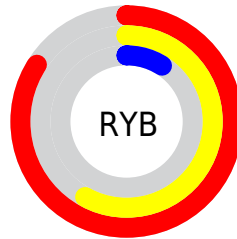
Distribution



Red (84%)

Green (38%)

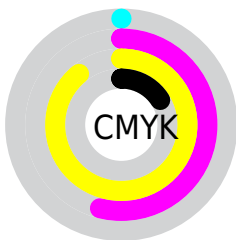
Blue (9%)



Red (84%)

Yellow (58%)

Blue (9%)

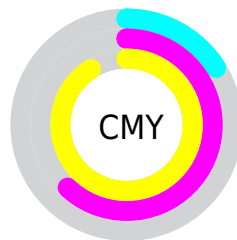


Cyan (0%)

Magenta (54%)

Yellow (89%)

Black (16%)



Cyan (16%)

Magenta (62%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color D56217 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 Hex color D56217 by changing the saturation by 10% instead.

 D56217

 D56217

FFFFFF

 B64800

 FF974C

 972E00

 FF266

 781200

 FFCF81

 5A0000

 FFEB9C

 3E0000

 FFFF7

 220001

 FFFFD3

 000000

 FFFFF0

 D56217

 D56217

 D55502

 D56F2C

 D55400

 D57C42

 D58957

 D5966C

 D5A282

 D5AF97

 D5BCAC

 D5C9C1

 D5D6D7

Harmonies

Analogous

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



EE4454



D56217



A87D00

Triad

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



D56217



009E76



6678F6

Complementary

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



D56217



178AD5

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.



008FFF



D56217



009FB6

Square

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



D56217



009A35



009BE9



C258CD

Rectangle

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



D56217



838A00



009BE9



1481FD

Sweetspot

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



D56217



FFD5BA



D5178C



806757



000000



808080

Same Dimension

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



D56217



FF6500



D5BF17



6B6560



AB4300



2B1100

Inverse Universe

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



178AD5



009AFF



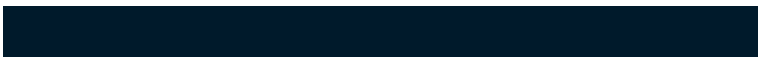
172DD5



60676B



0067AB



001A2B

Previews

White Background



This preview shows how the Hex color D56217 looks on a white background.

Color Contrast Check

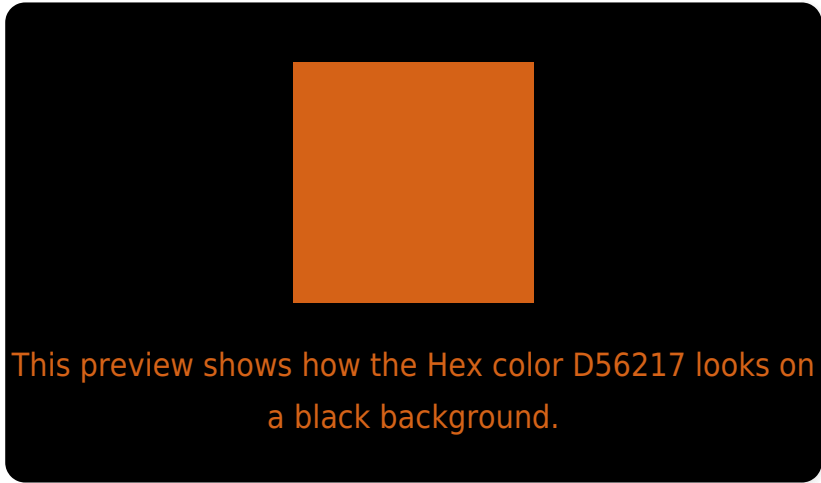
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Hex D56217 Background



This preview shows how black text looks on a background with the Hex color D56217.



This preview shows how white text looks on a background with the Hex color D56217.

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
D56217

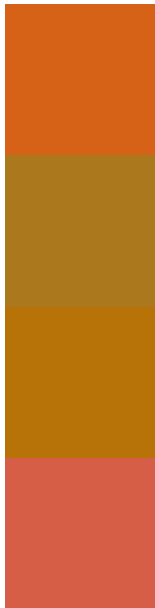
Protanopia
958520

Deuteranopia
A77D00



Tritanopia
D85B61

Trichromacy



Original Color
D56217

Protanomaly
AC781D

Deuteranomaly
B87308

Tritanomaly
D75E46

Monochromacy



Original Color
D56217

Achromatopsia
7C7C7C

Achromatomaly
9C7357

CSS Examples

Text

The CSS property to change the color of the text to Hex D56217 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 #D56217 looks like.

```
.text, #text, p{  
    color:#D56217  
}
```

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 #D56217 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D56217
}
```

Border

The CSS property to change the border of an element to Hex D56217 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
#D56217 }
```

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

```
.border{ border-color:#D56217 }
```

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

Here you see how a box with a 4 pixel #D56217 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D56217; -webkit-box-shadow:4px 4px  
4px 4px #D56217; box-shadow:4px 4px 4px  
4px #D56217 }
```

Background

The CSS property to change the background color of an element to Hex D56217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D56217 }
```

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

```
.background{ background-color:#D56217 }
```

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