

Converting Colors

Hex(D66517)

Have a look what the booklet for
Hex(D66517) contains.

Hex(D66517)	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(D66517)

Conversions

Conversions Part 1

Format	Color
Hex	D66517
RGB	214, 101, 23
RGB Percent	84%, 40%, 9%
CMY	0.1608, 0.6039, 0.9098
CMYK	0.00, 0.53, 0.89, 0.16
HSL	25°, 81%, 46%
HSV	25°, 89%, 84%
XYZ	32.5399, 23.6654, 3.6634
YIQ	125.8950, 92.3860, -0.3020

Conversions

Conversions Part 2

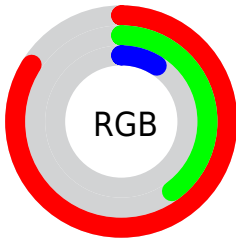
Format	Color
R_{YB}	214, 155, 23
Decimal	14050583
CIE _{Lab}	55.75, 40.51, 59.14
CIE _{LCh}	56, 71.685, 55.592
Yxy	23.6654, 0.5435, 0.3953
Android (android.graphics.Color)	4292240663 (0xFFD66517)
YUV	125.8950, -50.7272, 77.2681
Hunter-Lab	48.6471, 34.2658, 29.5880

Details

The Hex color **D66517** 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 **1788D6**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **FF9A4D**, and **983200** is the 20% darker color. If you saturate the color by 10%, you get **D65802**, and if you desaturate by 10%, it is **D6722C**.

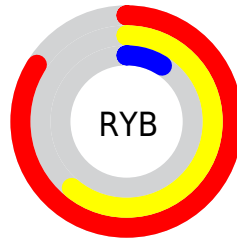
Distribution



Red (84%)

Green (40%)

Blue (9%)



Red (84%)

Yellow (61%)

Blue (9%)

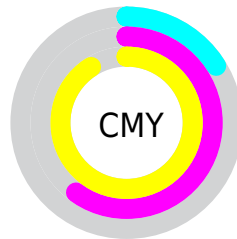


Cyan (0%)

Magenta (53%)

Yellow (89%)

Black (16%)



Cyan (16%)

Magenta (60%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color D66517 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 D66517 by changing the saturation by 10% instead.

 D66517

 D66517

FFFFFF

 B74B00

 FF9A4D

 983200

 FF567

 791700

 FFD281

 5C0000

 FFEE9C

 3F0000

 FFFF8

 240001

 FFFFD4

 000000

 FFFFF1

 D66517

 D66517

 D65802

 D6722C

 D65700

 D67E42

 D68B57

 D6986D

 D6A482

 D6B197

 D6BEAD

 D6CAC2

 D6D7D8

Harmonies

Analogous

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



F04754



D66517



A98000

Triad

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



D66517



00A17A



6D79F7

Complementary

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



D66517



1788D6

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.



0090FF



D66517



00A1BA

Square

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



D66517



009C39



009DEC



C659CD

Rectangle

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



D66517



838D00



009DEC



2B82FF

Sweetspot

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



D66517



FFD6BA



D6178A



806757



000000



808080

Same Dimension

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



D66517



FF6800



D6C317



6B6560



AB4600



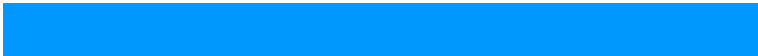
2B1200

Inverse Universe

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



1788D6



0097FF



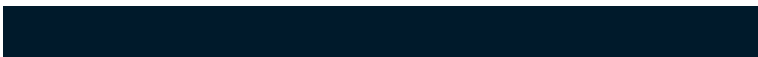
172AD6



60676B



0065AB



001A2B

Previews

White Background



This preview shows how the Hex color D66517 looks on a white background.

Color Contrast Check

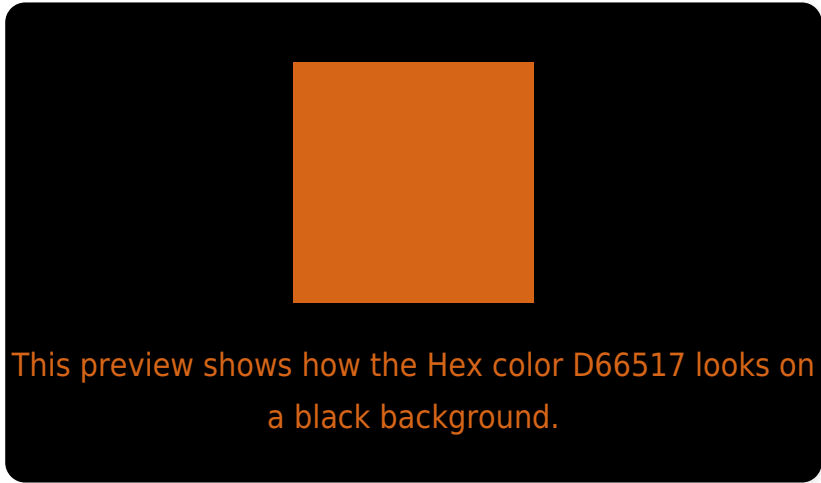
Large Text (above 18pt) WCAG AA ✓ Pass

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 D66517 Background



This preview shows how black text looks on a background with the Hex color D66517.



This preview shows how white text looks on a background with the Hex color D66517.

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
D66517

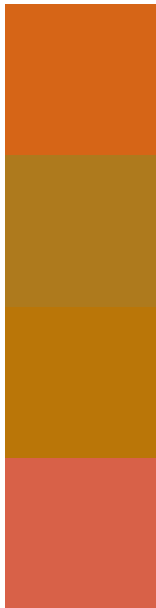
Protanopia
978620

Deuteranopia
AA7F00



Tritanopia
D95E64

Trichromacy



Original Color
D66517

Protanomaly
AE7A1D

Deuteranomaly
BA7608

Tritanomaly
D86148

Monochromacy



Original Color
D66517

Achromatopsia
7E7E7E

Achromatomaly
9E7559

CSS Examples

Text

The CSS property to change the color of the text to Hex D66517 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 #D66517 looks like.

```
.text, #text, p{  
    color:#D66517  
}
```

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 #D66517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D66517  
}
```

Border

The CSS property to change the border of an element to Hex D66517 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  
#D66517 }
```

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

```
.border{ border-color:#D66517 }
```

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

Here you see how a box with a 4 pixel #D66517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D66517; -webkit-box-shadow:4px 4px  
4px 4px #D66517; box-shadow:4px 4px 4px  
4px #D66517 }
```

Background

The CSS property to change the background color of an element to Hex D66517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D66517 }
```

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

```
.background{ background-color:#D66517 }
```

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