

Converting Colors

Hex(DC681C)

Have a look what the booklet for
Hex(DC681C) contains.

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Color

Hex(DC681C)

Conversions

Conversions Part 1

Format	Color
Hex	DC681C
RGB	220, 104, 28
RGB Percent	86%, 41%, 11%
CMY	0.1373, 0.5922, 0.8902
CMYK	0.00, 0.53, 0.87, 0.14
HSL	24°, 77%, 49%
HSV	24°, 87%, 86%
XYZ	34.6751, 25.2001, 4.1351
YIQ	130.0200, 93.5320, 0.9560

Conversions

Conversions Part 2

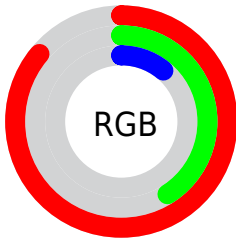
Format	Color
R _Y B	220, 154, 28
Decimal	14444572
CIE Lab	57.27, 41.45, 59.10
CIE LCh	57, 72.188, 54.955
Yxy	25.2001, 0.5417, 0.3937
Android (android.graphics.Color)	4292634652 (0xFFDC681C)
YUV	130.0200, -50.2959, 78.9125
Hunter-Lab	50.1997, 35.4482, 30.2559

Details

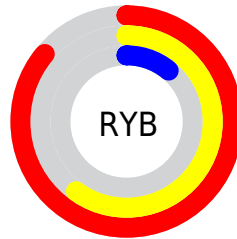
The Hex color **DC681C** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **1C90DC**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **FF9D51**, and **9E3500** is the 20% darker color. If you saturate the color by 10%, you get **DC5B06**, and if you desaturate by 10%, it is **DC7532**.

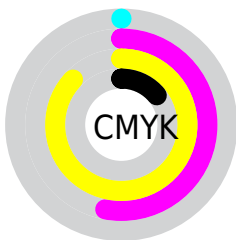
Distribution



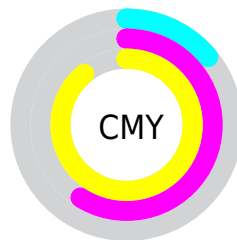
- Red (86%)
- Green (41%)
- Blue (11%)



- Red (86%)
- Yellow (60%)
- Blue (11%)



- Cyan (0%)
- Magenta (53%)
- Yellow (87%)
- Black (14%)



- Cyan (14%)
- Magenta (59%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color DC681C 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 DC681C by changing the saturation by 10% instead.

 DC681C

 DC681C

FFFFFF

 BD4E00

 FF9D51

 9E3500

 FFB96B

 7F1A00

 FFD585

 610000

 FFF2A1

 440000

 FFFFBC

 2A0001

 FFFFD9

 000000

 FFFFF6

 DC681C

 DC681C

 DC5B06

 DC7532

 DC5700

 DC8348

 DC905E

 DC9D74

 DCAA8A

 DCB8A0

 DCC5B6

 DCD2CC

 DCE0E2

Harmonies

Analogous

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



F64A59



DC681C



AE8300

Triad

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



DC681C



00A57C



6E7DFD

Complementary

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



DC681C



1C90DC

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.



0095FF



DC681C



00A6BD

Square

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



DC681C



00A03B



00A1F0



CA5ED3

Rectangle

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



DC681C



889000



00A1F0



2A86FF

Sweetspot

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



DC681C



FFD7BD



DC1C92



806858



000000



808080

Same Dimension

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



DC681C



FF6500



DCC61C



6E6763



AD4500



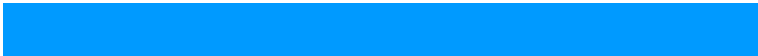
2E1200

Inverse Universe

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



1C90DC



009AFF



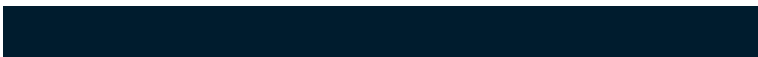
1C32DC



63696E



0069AD



001C2E

Previews

White Background



This preview shows how the Hex color DC681C looks on a white background.

Color Contrast Check

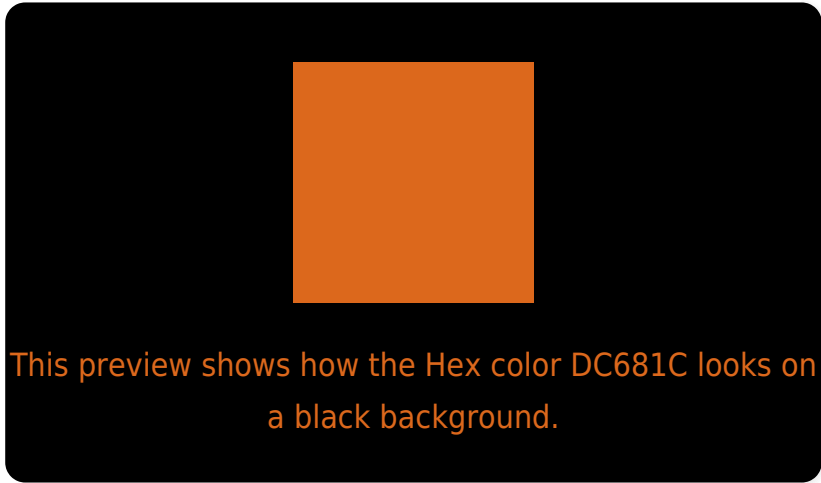
Large Text (above 18pt) WCAG AA ✓ Pass

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 DC681C Background



This preview shows how black text looks on a background with the Hex color DC681C.



This preview shows how white text looks on a background with the Hex color DC681C.

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

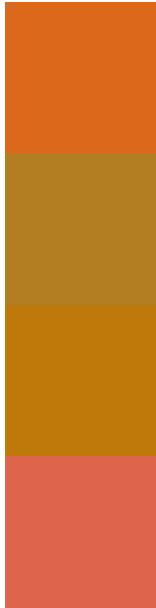


Original Color
DC681C

Protanopia
9B8A25

Deuteranopia
AF8300

Trichromacy



Original Color
DC681C

Protanomaly
B37E22

Deuteranomaly
BF790A

Tritanomaly
DE644C

Monochromacy



Original Color
DC681C

Achromatopsia
828282

Achromatomaly
A3795D

CSS Examples

Text

The CSS property to change the color of the text to Hex DC681C 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 #DC681C looks like.

```
.text, #text, p{  
    color:#DC681C  
}
```

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 #DC681C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DC681C
}
```

Border

The CSS property to change the border of an element to Hex DC681C 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
#DC681C }
```

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

```
.border{ border-color:#DC681C }
```

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

Here you see how a box with a 4 pixel #DC681C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DC681C; -webkit-box-shadow:4px 4px  
4px 4px #DC681C; box-shadow:4px 4px 4px  
4px #DC681C }
```

Background

The CSS property to change the background color of an element to Hex DC681C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DC681C }
```

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

```
.background{ background-color:#DC681C }
```

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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