

Converting Colors

Hex(D6720B)

Have a look what the booklet for
Hex(D6720B) contains.

Hex(D6720B)	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(D6720B)

Conversions

Conversions Part 1

Format	Color
Hex	D6720B
RGB	214, 114, 11
RGB Percent	84%, 45%, 4%
CMY	0.1608, 0.5529, 0.9569
CMYK	0.00, 0.47, 0.95, 0.16
HSL	30°, 90%, 44%
HSV	30°, 95%, 84%
XYZ	33.8093, 26.3549, 3.6217
YIQ	132.1580, 92.6630, -10.8330

Conversions

Conversions Part 2

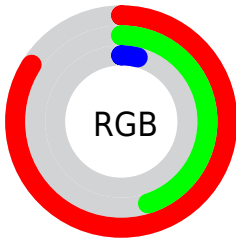
Format	Color
R _Y B	208, 214, 11
Decimal	14053899
CIE Lab	58.37, 33.70, 63.91
CIE LCh	58, 72.249, 62.196
Yxy	26.3549, 0.5300, 0.4132
Android (android.graphics.Color)	4292243979 (0xFFD6720B)
YUV	132.1580, -59.7309, 71.7754
Hunter-Lab	51.3371, 27.7157, 31.7532

Details

The Hex color **D6720B** 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 **0B6FD6**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **FFA748**, and **984000** is the 20% darker color. If you saturate the color by 10%, you get **D66D00**, and if you desaturate by 10%, it is **D67D20**.

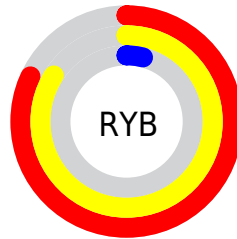
Distribution



Red (84%)

Green (45%)

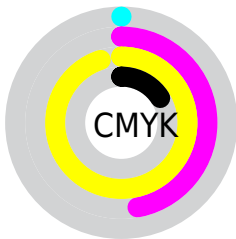
Blue (4%)



Red (82%)

Yellow (84%)

Blue (4%)

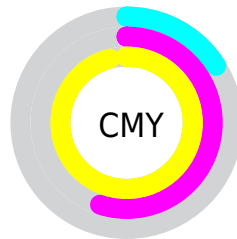


Cyan (0%)

Magenta (47%)

Yellow (95%)

Black (16%)



Cyan (16%)

Magenta (55%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color D6720B 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 D6720B by changing the saturation by 10% instead.

 D6720B

 D6720B

FFFFFF

 B75900

 FFA748

 984000

 FFC263

 7A2800

 FFDF7E

 5C0E00

 FFFB99

 400000

 FFFFB5

 280001

 FFFFD1

 000000

 FFFFEE

 D6720B

 D6720B

 D66D00

 D67D20

 D68736

 D6924B

 D69C61

 D6A776

 D6B18B

 D6BCA1

 D6C6B6

 D6D1CC

Harmonies

Analogous

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



F5544D



D6720B



A58B00

Triad

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



D6720B



00A98F



8F79F8

Complementary

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



D6720B



0B6FD6

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.



0093FF



D6720B



00A8CE

Square

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



D6720B



00A54D



00A2FC



DB59C9

Rectangle

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



D6720B



7C9700



00A2FC



6483FF

Sweetspot

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



D6720B



FFDCB8



D60B71



806A54



000000



808080

Same Dimension

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



D6720B



FF8100



D6D60B



6B6660



AB5700



2B1600

Inverse Universe

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



0B6FD6



007EFF



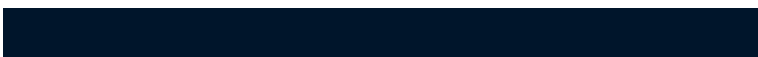
0B0BD6



60666B



0054AB



00152B

Previews

White Background



This preview shows how the Hex color D6720B 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 D6720B Background



This preview shows how black text looks on a background with the Hex color D6720B.



This preview shows how white text looks on a background with the Hex color D6720B.

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
D6720B

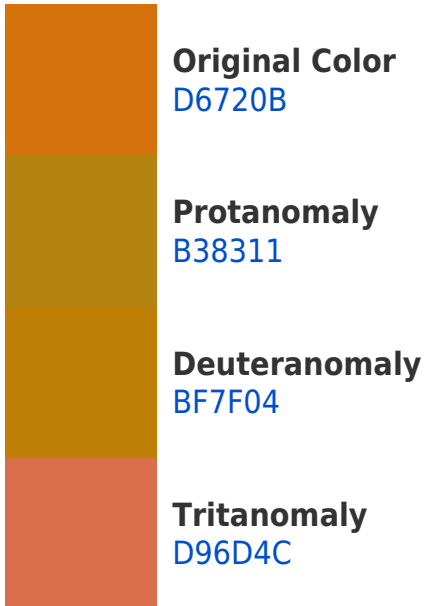
Protanopia
9F8D15

Deuteranopia
B28600



Tritanopia
DA6A71

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex D6720B 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 #D6720B looks like.

```
.text, #text, p{  
    color:#D6720B  
}
```

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 #D6720B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D6720B
}
```

Border

The CSS property to change the border of an element to Hex D6720B 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
#D6720B }
```

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

```
.border{ border-color:#D6720B }
```

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

Here you see how a box with a 4 pixel #D6720B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D6720B; -webkit-box-shadow:4px 4px  
4px 4px #D6720B; box-shadow:4px 4px 4px  
4px #D6720B }
```

Background

The CSS property to change the background color of an element to Hex D6720B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D6720B }
```

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

```
.background{ background-color:#D6720B }
```

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