

Converting Colors

Hex(6D6608)

Have a look what the booklet for
Hex(6D6608) contains.

Hex(6D6608)	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(6D6608)

Conversions

Conversions Part 1

Format	Color
Hex	6D6608
RGB	109, 102, 8
RGB Percent	43%, 40%, 3%
CMY	0.5725, 0.6000, 0.9686
CMYK	0.00, 0.06, 0.93, 0.57
HSL	56°, 86%, 23%
HSV	56°, 93%, 43%
XYZ	11.1019, 12.7715, 2.1097
YIQ	93.3770, 34.3460, -27.7500

Conversions

Conversions Part 2

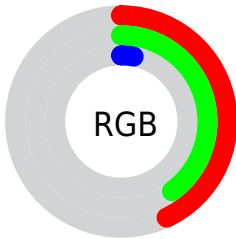
Format	Color
R_{YB}	16, 109, 8
Decimal	7169544
CIE Lab	42.42, -7.38, 47.00
CIE LCh	42, 47.577, 98.929
Yxy	12.7715, 0.4273, 0.4915
Android (android.graphics.Color)	4285359624 (0xFF6D6608)
YUV	93.3770, -42.0909, 13.7014
Hunter-Lab	35.7372, -7.0886, 21.5159

Details

The Hex color **6D6608** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **080F6D**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **A49940**, and **3A3800** is the 20% darker color. If you saturate the color by 10%, you get **6D6500**, and if you desaturate by 10%, it is **6D6713**.

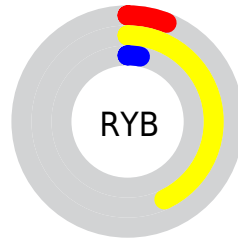
Distribution



Red (43%)

Green (40%)

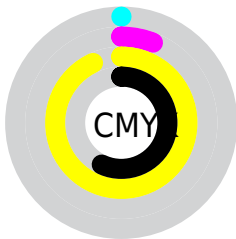
Blue (3%)



Red (6%)

Yellow (43%)

Blue (3%)

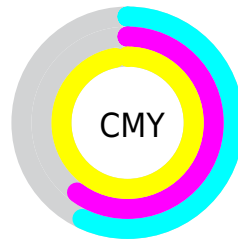


Cyan (0%)

Magenta (6%)

Yellow (93%)

Black (57%)



Cyan (57%)

Magenta (60%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6D6608 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 6D6608 by changing the saturation by 10% instead.



6D6608



6D6608

FFFFFFE



534E00



A49940



3A3800



C0B359



212200



DDCF73



000E00



FAEB8E



000000



FFFA9



FFFC5



FFFE1



6D6608



6D6608

■ 6D6500

■ 6D6713

■ 6D681E

■ 6D6829

■ 6D6934

■ 6D6A3F

■ 6D6B49

■ 6D6B54

■ 6D6C5F

■ 6D6D6A

Harmonies

Analogous

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



8E5816



6D6608



437022

Triad

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



6D6608



007595



9C4481

Complementary

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



6D6608



080F6D

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.



7554A2



6D6608



0070AD

Square

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



6D6608



00776F



1F65B2



AB3E5A

Rectangle

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



6D6608



107339



1F65B2



92498D

Sweetspot

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



6D6608



8F8C67



6D0810



47462F



C7C7C7



474747

Same Dimension

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



6D6608



8F8500



436D08



363530



756D00



F5E400

Inverse Universe

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



080F6D



000A8F



32086D



303136



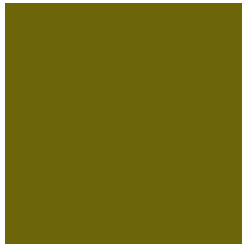
000875



0011F5

Previews

White Background



This preview shows how the Hex color 6D6608 looks on a white background.

Color Contrast Check

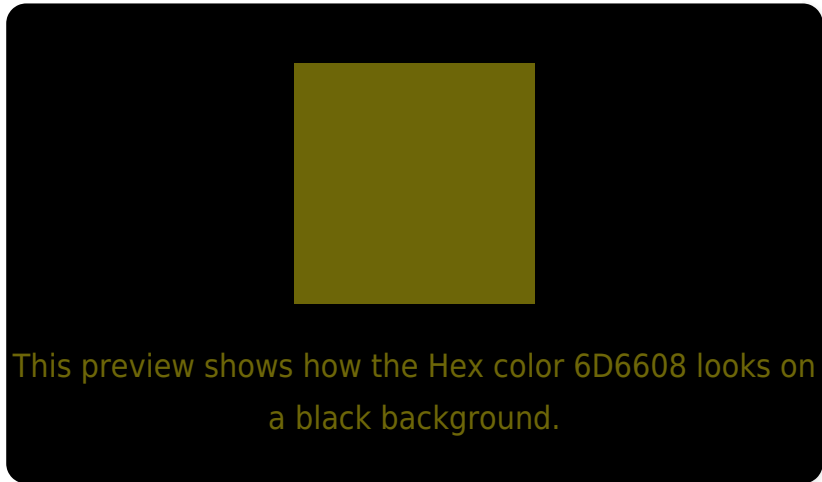
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 6D6608 Background



This preview shows how black text looks on a background with the Hex color 6D6608.



This preview shows how white text looks on a background with the Hex color 6D6608.

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
6D6608

Protanopia
716507

Deuteranopia
7F5F10



Tritanopia
735F66

Trichromacy



Original Color
6D6608

Protanomaly
706507

Deuteranomaly
78620D

Tritanomaly
716244

Monochromacy



Original Color
6D6608

Achromatopsia
5D5D5D

Achromatomaly
63603E

CSS Examples

Text

The CSS property to change the color of the text to Hex 6D6608 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 #6D6608 looks like.

```
.text, #text, p{  
    color:#6D6608  
}
```

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 #6D6608 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D6608
}
```

Border

The CSS property to change the border of an element to Hex 6D6608 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
#6D6608 }
```

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

```
.border{ border-color:#6D6608 }
```

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

Here you see how a box with a 4 pixel #6D6608 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D6608; -webkit-box-shadow:4px 4px  
4px 4px #6D6608; box-shadow:4px 4px 4px  
4px #6D6608 }
```

Background

The CSS property to change the background color of an element to Hex 6D6608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D6608 }
```

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

```
.background{ background-color:#6D6608 }
```

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