

Converting Colors

Hex(6E6200)

Have a look what the booklet for
Hex(6E6200) contains.

Hex(6E6200)	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(6E6200)

Conversions

Conversions Part 1

Format	Color
Hex	6E6200
RGB	110, 98, 0
RGB Percent	43%, 38%, 0%
CMY	0.5686, 0.6157, 1.0000
CMYK	0.00, 0.11, 1.00, 0.57
HSL	53°, 100%, 22%
HSV	53°, 100%, 43%
XYZ	10.7981, 12.0504, 1.7568
YIQ	90.4160, 38.6100, -27.9340

Conversions

Conversions Part 2

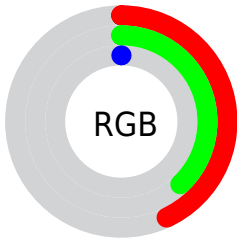
Format	Color
RYB	13, 110, 0
Decimal	7234048
CIELab	41.30, -4.80, 48.25
CIELCh	41, 48.487, 95.686
Yxy	12.0504, 0.4389, 0.4897
Android (android.graphics.Color)	4285424128 (0xFF6E6200)
YUV	90.4160, -44.5751, 17.1752
Hunter-Lab	34.7136, -5.2243, 21.2989

Details

The Hex color **6E6200** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **000C6E**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **A5943B**, and **3A3400** is the 20% darker color. If you saturate the color by 10%, you get **6E6200**, and if you desaturate by 10%, it is **6E630B**.

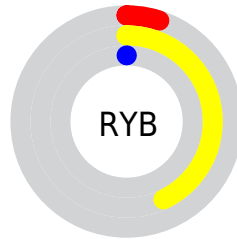
Distribution



Red (43%)

Green (38%)

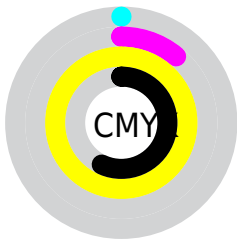
Blue (0%)



Red (5%)

Yellow (43%)

Blue (0%)

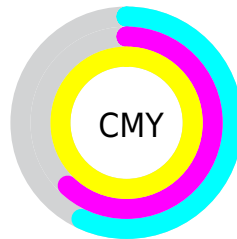


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (57%)



Cyan (57%)

Magenta (62%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E6200 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 6E6200 by changing the saturation by 10% instead.

 6E6200

 6E6200

 FFFFF8

 544A00

 A5943B

 3A3400

 C1AF54

 211F00

 DECA6E

 000800

 FCE688

 000000

 FFFFA3

 FFFFBF

 FFFFDB

 6E6200

 6E630B

 6E6416

 6E6621

 6E672C

 6E6837

 6E6942

 6E6A4D

 6E6C58

 6E6D63

Harmonies

Analogous

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



8E5314



6E6200



446C19

Triad

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



6E6200



00738F



974283

Complementary

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



6E6200



000C6E

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.



6C53A2



6E6200



006EAA

Square

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



6E6200



007468



0064B1



A8395B

Rectangle

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



6E6200



177032



0064B1



8C478F

Sweetspot

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



6E6200



8F8A64



6E000D



47452E



C7C7C7



474747

Same Dimension

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



6E6200



8F7F00



446E00



383732



786B00



F7DC00

Inverse Universe

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



000C6E



00108F



2A006E



323338



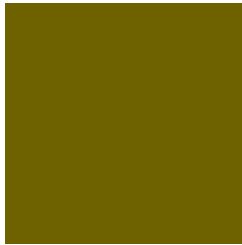
000D78



001BF7

Previews

White Background



This preview shows how the Hex color 6E6200 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

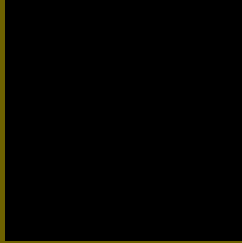
Any Text WCAG AA × Fail

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 6E6200 Background



This preview shows how black text looks on a background with the Hex color 6E6200.



This preview shows how white text looks on a background with the Hex color 6E6200.

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
6E6200

Protanopia
6E6200

Deuteranopia
7B5D0C



Tritanopia
745B62

Trichromacy



Original Color
6E6200

Protanomaly
6E6200

Deuteranomaly
765F08

Tritanomaly
725E3E

Monochromacy



Original Color
6E6200

Achromatopsia
5A5A5A

Achromatomaly
615D39

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E6200 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 #6E6200 looks like.

```
.text, #text, p{  
    color:#6E6200  
}
```

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 #6E6200 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E6200
}
```

Border

The CSS property to change the border of an element to Hex 6E6200 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
#6E6200 }
```

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

```
.border{ border-color:#6E6200 }
```

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

Here you see how a box with a 4 pixel #6E6200 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E6200; -webkit-box-shadow:4px 4px  
4px 4px #6E6200; box-shadow:4px 4px 4px  
4px #6E6200 }
```

Background

The CSS property to change the background color of an element to Hex 6E6200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E6200 }
```

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

```
.background{ background-color:#6E6200 }
```

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