

Converting Colors

Hex(6E6A16)

Have a look what the booklet for
Hex(6E6A16) contains.

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Color

Hex(6E6A16)

Conversions

Conversions Part 1

Format	Color
Hex	6E6A16
RGB	110, 106, 22
RGB Percent	43%, 42%, 9%
CMY	0.5686, 0.5843, 0.9137
CMYK	0.00, 0.04, 0.80, 0.57
HSL	57°, 67%, 26%
HSV	57°, 80%, 43%
XYZ	11.7293, 13.6810, 2.7816
YIQ	97.6200, 29.3480, -25.2760

Conversions

Conversions Part 2

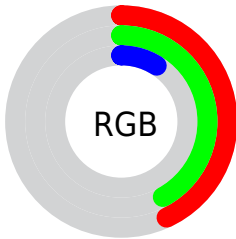
Format	Color
R_{YB}	26, 110, 22
Decimal	7236118
CIE _{Lab}	43.77, -8.71, 44.15
CIE _{LCh}	44, 45.002, 101.154
Yxy	13.6810, 0.4161, 0.4853
Android (android.graphics.Color)	4285426198 (0xFF6E6A16)
YUV	97.6200, -37.2807, 10.8573
Hunter-Lab	36.9878, -8.1243, 21.4328

Details

The Hex color **6E6A16** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **161A6E**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **A49D49**, and **3B3B00** is the 20% darker color. If you saturate the color by 10%, you get **6E6A0B**, and if you desaturate by 10%, it is **6E6B21**.

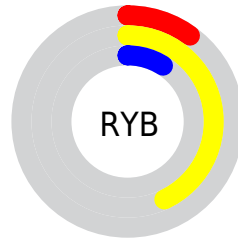
Distribution



Red (43%)

Green (42%)

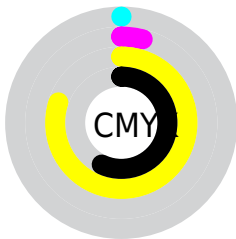
Blue (9%)



Red (10%)

Yellow (43%)

Blue (9%)

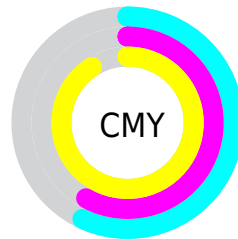


Cyan (0%)

Magenta (4%)

Yellow (80%)

Black (57%)



Cyan (57%)

Magenta (58%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6E6A16 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 6E6A16 by changing the saturation by 10% instead.



6E6A16



6E6A16

FFFFFF



545200



A49D49



3B3B00



C0B862



222600



DDD37C



001200



FAF097



000000



FFFFB2



FFFCE



FFFEB



6E6A16



6E6A16

■ 6E6A0B

■ 6E6B21

■ 6E6900

■ 6E6B2C

■ 6E6C37

■ 6E6C42

■ 6E6D4D

■ 6E6D58

■ 6E6E63

■ 6E6E6E

■ 6E6F79

Harmonies

Analogous

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



8E5D1D



6E6A16



45732C

Triad

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



6E6A16



007898



9F4980

Complementary

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



6E6A16



161A6E

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.



7B58A0



6E6A16



0072AE

Square

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



6E6A16



007975



3767B1



AC455B

Rectangle

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



6E6A16



187742



3767B1



964D8C

Sweetspot

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



6E6A16



8F8D6D



6E161A



474633



C7C7C7



474747

Same Dimension

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



6E6A16



8F8906



466E16



383832



787200



F7EC00

Inverse Universe

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



161A6E



060C8F



3E166E



323338



000578



000BF7

Previews

White Background



This preview shows how the Hex color 6E6A16 looks on a white background.

Color Contrast Check

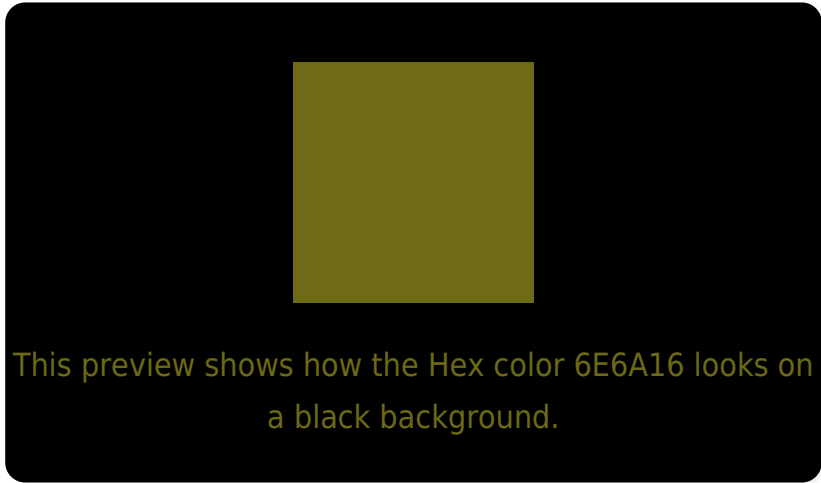
Large Text (above 18pt) WCAG AA ✓ Pass

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

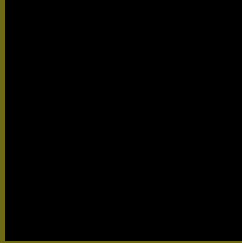
Any Text WCAG AA × Fail

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 6E6A16 Background



This preview shows how black text looks on a background with the Hex color 6E6A16.



This preview shows how white text looks on a background with the Hex color 6E6A16.

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](#).

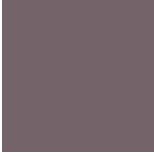
Dichromacy



Original Color
6E6A16

Protanopia
746815

Deuteranopia
82621A



Tritanopia
75636A

Trichromacy



Original Color
6E6A16

Protanomaly
726915

Deuteranomaly
7B6519

Tritanomaly
72664B

Monochromacy



Original Color
6E6A16

Achromatopsia
626262

Achromatomaly
666546

CSS Examples

Text

The CSS property to change the color of the text to Hex 6E6A16 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 #6E6A16 looks like.

```
.text, #text, p{  
    color:#6E6A16  
}
```

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 #6E6A16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6E6A16
}
```

Border

The CSS property to change the border of an element to Hex 6E6A16 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
#6E6A16 }
```

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

```
.border{ border-color:#6E6A16 }
```

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

Here you see how a box with a 4 pixel #6E6A16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6E6A16; -webkit-box-shadow:4px 4px  
4px 4px #6E6A16; box-shadow:4px 4px 4px  
4px #6E6A16 }
```

Background

The CSS property to change the background color of an element to Hex 6E6A16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6E6A16 }
```

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

```
.background{ background-color:#6E6A16 }
```

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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