

Converting Colors

Hex(6C6F21)

Have a look what the booklet for
Hex(6C6F21) contains.

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Color

Hex(6C6F21)

Conversions

Conversions Part 1

Format	Color
Hex	6C6F21
RGB	108, 111, 33
RGB Percent	42%, 44%, 13%
CMY	0.5765, 0.5647, 0.8706
CMYK	0.03, 0.00, 0.70, 0.56
HSL	62°, 54%, 28%
HSV	62°, 70%, 44%
XYZ	12.1433, 14.6668, 3.6298
YIQ	101.2110, 23.2500, -24.8940

Conversions

Conversions Part 2

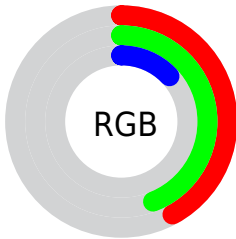
Format	Color
R_{YB}	33, 111, 36
Decimal	7106337
CIE _{Lab}	45.17, -11.86, 41.11
CIE _{LCh}	45, 42.781, 106.089
Yxy	14.6668, 0.3989, 0.4818
Android (android.graphics.Color)	4285296417 (0xFF6C6F21)
YUV	101.2110, -33.6280, 5.9540
Hunter-Lab	38.2973, -10.4215, 21.1886

Details

The Hex color **6C6F21** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **24216F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A2A252**, and **3A4000** is the 20% darker color. If you saturate the color by 10%, you get **6C6F16**, and if you desaturate by 10%, it is **6C6F2C**.

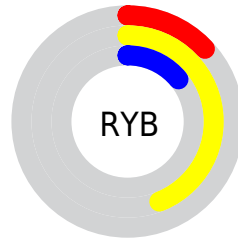
Distribution



Red (42%)

Green (44%)

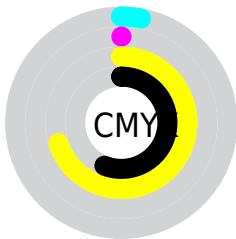
Blue (13%)



Red (13%)

Yellow (44%)

Blue (14%)

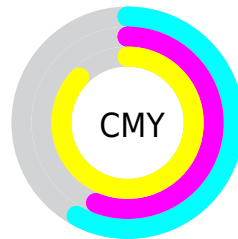


Cyan (3%)

Magenta (0%)

Yellow (70%)

Black (56%)



Cyan (58%)

Magenta (56%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C6F21 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 6C6F21 by changing the saturation by 10% instead.



6C6F21



6C6F21

FFFFFF



525705



A2A252



3A4000



BDBD6C



212A00



DAD986



001600



F7F6A1



000000



FFFFBC



FFFFD8



FFFFF5



6C6F21



6C6F21

■ 6C6F16

■ 6C6F2C

■ 6B6F0B

■ 6D6F37

■ 6B6F00

■ 6D6F42

■ 6E6F4D

■ 6E6F59

■ 6F6F64

■ 6F6F6F

■ 6F6F7A

■ 706F85

Harmonies

Analogous

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



8C6323



6C6F21



437737

Triad

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



6C6F21



007A9E



A44D7D

Complementary

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



6C6F21



24216F

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.



85599D



6C6F21



0074B0

Square

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



6C6F21



007C7E



4E68B0



AD4B59

Rectangle

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



6C6F21



147A4D



4E68B0



9C5089

Sweetspot

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



6C6F21



909173



6F2421



494A37



C9C9C9



4A4A4A

Same Dimension

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



6C6F21



8D9117



456F21



383832



737800



EEF700

Inverse Universe

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



24216F



1C1791



4B216F



333238



050078



0A00F7

Previews

White Background



This preview shows how the Hex color 6C6F21 looks on a white background.

Color Contrast Check

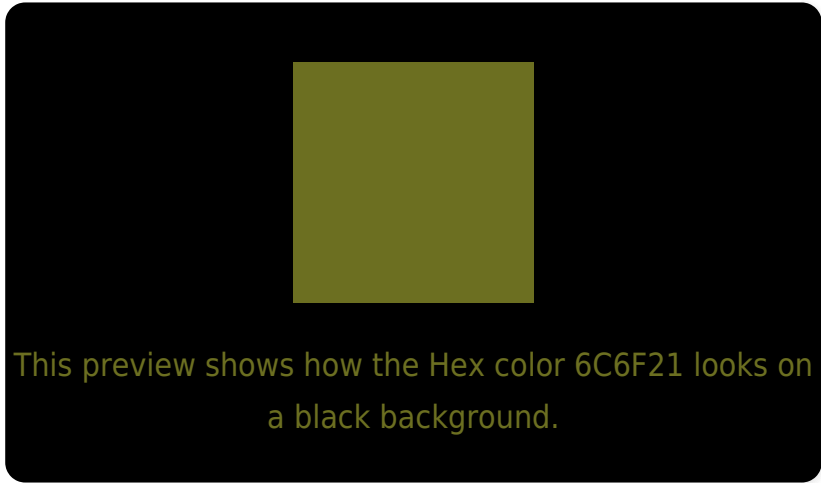
Large Text (above 18pt) WCAG AA ✓ Pass

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

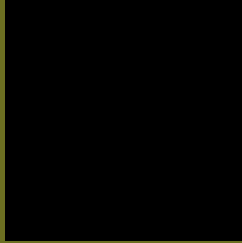
Any Text WCAG AA × Fail

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 6C6F21 Background



This preview shows how black text looks on a background with the Hex color 6C6F21.



This preview shows how white text looks on a background with the Hex color 6C6F21.

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
6C6F21

Protanopia
786B20

Deuteranopia
866625



Tritanopia
736870

Trichromacy



Original Color
6C6F21

Protanomaly
746C20

Deuteranomaly
7D6924

Tritanomaly
706B53

Monochromacy



Original Color
6C6F21

Achromatopsia
656565

Achromatomaly
68694C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C6F21 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 #6C6F21 looks like.

```
.text, #text, p{  
    color:#6C6F21  
}
```

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 #6C6F21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C6F21
}
```

Border

The CSS property to change the border of an element to Hex 6C6F21 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
#6C6F21 }
```

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

```
.border{ border-color:#6C6F21 }
```

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

Here you see how a box with a 4 pixel #6C6F21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C6F21; -webkit-box-shadow:4px 4px  
4px 4px #6C6F21; box-shadow:4px 4px 4px  
4px #6C6F21 }
```

Background

The CSS property to change the background color of an element to Hex 6C6F21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C6F21 }
```

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

```
.background{ background-color:#6C6F21 }
```

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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