

# Converting Colors

Hex(6A6C21)

Have a look what the booklet for  
Hex(6A6C21) contains.

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**Color**

**Hex(6A6C21)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A6C21
RGB	106, 108, 33
RGB Percent	42%, 42%, 13%
CMY	0.5843, 0.5765, 0.8706
CMYK	0.02, 0.00, 0.69, 0.58
HSL	62°, 53%, 28%
HSV	62°, 69%, 42%
XYZ	11.5809, 13.8991, 3.5113
YIQ	98.8520, 22.8830, -23.7490

# Conversions

## Conversions Part 2

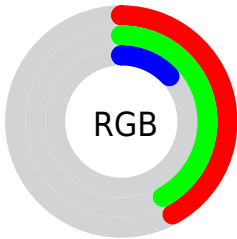
<b>Format</b>	<b>Color</b>
<b>RYB</b>	33, 108, 35
Decimal	6974497
CIELab	44.09, -11.12, 39.94
CIELCh	44, 41.460, 105.560
Yxy	13.8991, 0.3995, 0.4794
Android (android.graphics.Color)	4285164577 (0xFF6A6C21)
YUV	98.8520, -32.4650, 6.2688
Hunter-Lab	37.2815, -9.7943, 20.5130

# Details

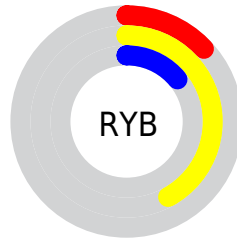
The Hex color **6A6C21** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **23216C**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **9F9F52**, and **383D00** is the 20% darker color. If you saturate the color by 10%, you get **6A6C16**, and if you desaturate by 10%, it is **6A6C2C**.

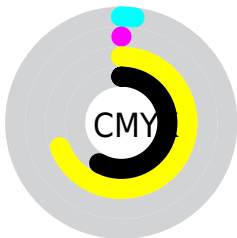
# Distribution



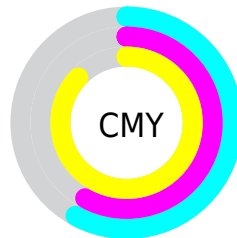
- Red (42%)
- Green (42%)
- Blue (13%)



- Red (13%)
- Yellow (42%)
- Blue (14%)



- Cyan (2%)
- Magenta (0%)
- Yellow (69%)
- Black (58%)



- Cyan (58%)
- Magenta (58%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6A6C21 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 6A6C21 by changing the saturation by 10% instead.





6A6C21



6A6C21

FFFFFF



505405



9F9F52



383D00



BBBA6B



202700



D8D685



001400



F5F2A0



000000



FFFFBC



FFFFD8



FFFFF4



6A6C21



6A6C21

 6A6C16

 6A6C2C

 696C0B

 6B6C37

 696C01

 6B6C41

 696C00

 6B6C4C

 6B6C57

 6C6C62

 6C6C6D

 6C6C77

 6D6C82

# Harmonies

## Analogous

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



896023



6A6C21



437436

# Triad

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



6A6C21



007799



9F4C7A

# Complementary

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



6A6C21



23216C

# 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.



815899



6A6C21



0071AB

# Square

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



6A6C21



00797A



4B66AB



A84A58

# Rectangle

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



6A6C21



18774A



4B66AB



974F85



# Sweetspot

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



6A6C21



8B8C6F



6C2221



474736



C7C7C7



474747



# Same Dimension

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



6A6C21



898C18



456C21



353630



727500



EEF500



# Inverse Universe

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



23216C



1B188C



48216C



303036



030075



0700F5



# Previews

## White Background



This preview shows how the Hex color 6A6C21 looks on a white background.

## Color Contrast Check

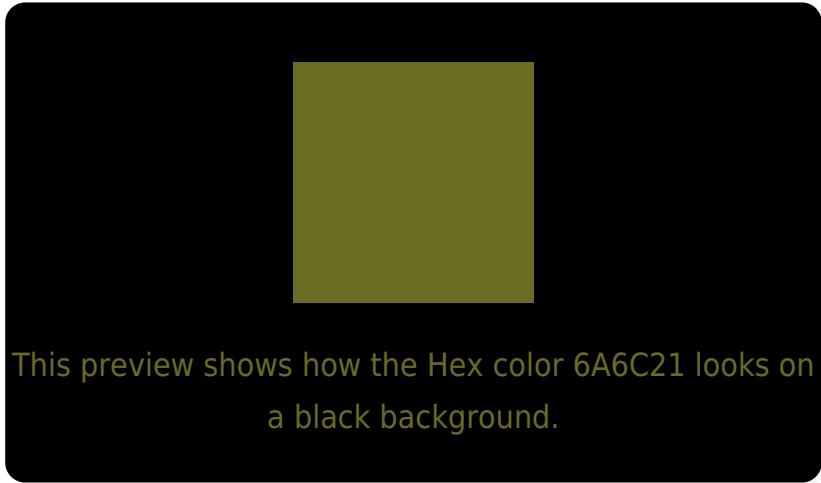
Large Text (above 18pt) WCAG AA ✓ Pass

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

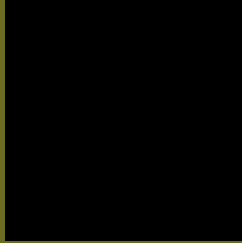
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6A6C21 Background



This preview shows how black text looks on a background with the Hex color 6A6C21.



This preview shows how white text looks on a background with the Hex color 6A6C21.

# 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**  
6A6C21

**Protanopia**  
756820

**Deuteranopia**  
826324



**Tritanopia**  
71656D

# Trichromacy



**Original Color**  
6A6C21

**Protanomaly**  
716920

**Deuteranomaly**  
796623

**Tritanomaly**  
6E6851

# Monochromacy



**Original Color**  
6A6C21

**Achromatopsia**  
636363

**Achromatomaly**  
66664B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6A6C21 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 #6A6C21 looks like.

```
.text, #text, p{  
    color:#6A6C21  
}
```

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 #6A6C21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6C21
}
```

## Border

The CSS property to change the border of an element to Hex 6A6C21 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
#6A6C21 }
```

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

```
.border{ border-color:#6A6C21 }
```

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

Here you see how a box with a 4 pixel #6A6C21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6C21; -webkit-box-shadow:4px 4px  
4px 4px #6A6C21; box-shadow:4px 4px 4px  
4px #6A6C21 }
```

# Background

The CSS property to change the background color of an element to Hex 6A6C21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6C21 }
```

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

```
.background{ background-color:#6A6C21 }
```

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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