

Converting Colors

Hex(6A6E21)

Have a look what the booklet for
Hex(6A6E21) contains.

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Color

Hex(6A6E21)

Conversions

Conversions Part 1

Format	Color
Hex	6A6E21
RGB	106, 110, 33
RGB Percent	42%, 43%, 13%
CMY	0.5843, 0.5686, 0.8706
CMYK	0.04, 0.00, 0.70, 0.57
HSL	63°, 54%, 28%
HSV	63°, 70%, 43%
XYZ	11.7943, 14.3258, 3.5824
YIQ	100.0260, 22.3330, -24.7950

Conversions

Conversions Part 2

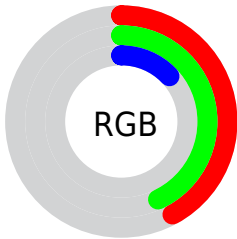
Format	Color
R_{YB}	33, 110, 37
Decimal	6975009
CIE Lab	44.70, -12.23, 40.56
CIE LCh	45, 42.367, 106.781
Yxy	14.3258, 0.3971, 0.4823
Android (android.graphics.Color)	4285165089 (0xFF6A6E21)
YUV	100.0260, -33.0438, 5.2392
Hunter-Lab	37.8495, -10.6141, 20.8830

Details

The Hex color **6A6E21** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **25216E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **9FA152**, and **383F00** is the 20% darker color. If you saturate the color by 10%, you get **696E16**, and if you desaturate by 10%, it is **6B6E2C**.

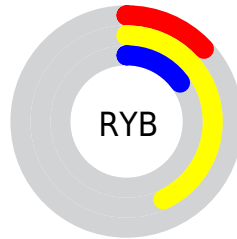
Distribution



 Red (42%)

 Green (43%)

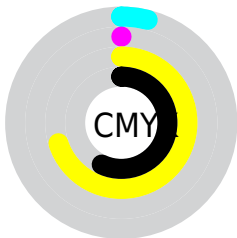
 Blue (13%)




 Red (13%)

 Yellow (43%)

 Blue (15%)

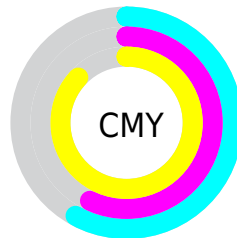


 Cyan (4%)

 Magenta (0%)

 Yellow (70%)

 Black (57%)



 Cyan (58%)

 Magenta (57%)

 Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A6E21 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 6A6E21 by changing the saturation by 10% instead.



6A6E21



6A6E21

FFFFFF



505605



9FA152



383F00



BBBC6C



202900



D8D886



001600



F5F5A0



000000



FFFFBC



FFFFD8



FFFFF5



6A6E21



6A6E21

■ 696E16

■ 6B6E2C

■ 696E0B

■ 6B6E37

■ 686E00

■ 6C6E42

■ 6C6E4D

■ 6D6E58

■ 6D6E63

■ 6E6E6E

■ 6F6E79

■ 6F6E84

Harmonies

Analogous

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



8A6222



6A6E21



417637

Triad

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



6A6E21



00799C



A24C7B

Complementary

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



6A6E21



25216E

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.



85589A



6A6E21



0072AE

Square

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



6A6E21



007B7D



4F67AD



AB4B57

Rectangle

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



6A6E21



11794D



4F67AD



9B4F86

Sweetspot

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



6A6E21



8D8F71



6E2521



464736



C7C7C7



474747

Same Dimension

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



6A6E21



898F17



446E21



383832



727800



EBF700

Inverse Universe

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



25216E



1D178F



4B216E



333238



060078



0D00F7

Previews

White Background



This preview shows how the Hex color 6A6E21 looks on a white background.

Color Contrast Check

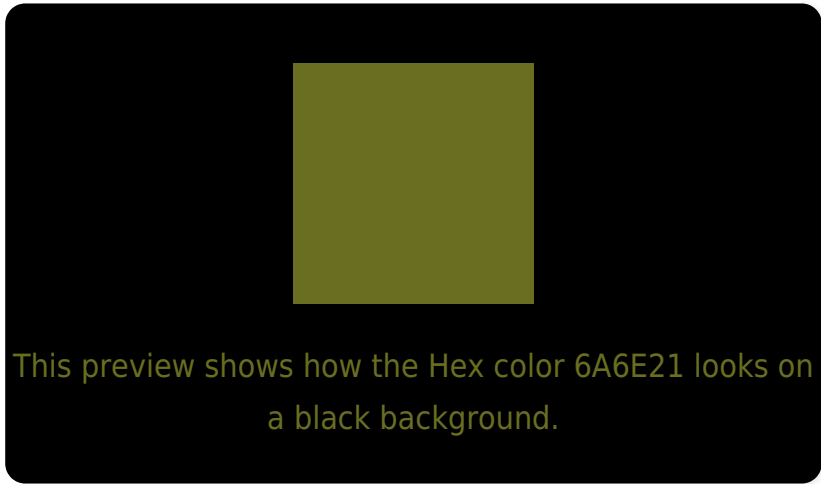
Large Text (above 18pt) WCAG AA ✓ Pass

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 6A6E21 Background



This preview shows how black text looks on a background with the Hex color 6A6E21.



This preview shows how white text looks on a background with the Hex color 6A6E21.

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](#).

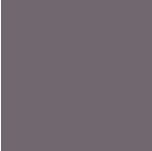
Dichromacy



Original Color
6A6E21

Protanopia
766A20

Deuteranopia
846425



Tritanopia
71676F

Trichromacy



Original Color
6A6E21

Protanomaly
726B20

Deuteranomaly
7B6824

Tritanomaly
6E6A53

Monochromacy



Original Color
6A6E21

Achromatopsia
646464

Achromatomaly
66684C

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A6E21 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 #6A6E21 looks like.

```
.text, #text, p{  
    color:#6A6E21  
}
```

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 #6A6E21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A6E21  
}
```

Border

The CSS property to change the border of an element to Hex 6A6E21 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  
#6A6E21 }
```

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

```
.border{ border-color:#6A6E21 }
```

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

Here you see how a box with a 4 pixel #6A6E21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A6E21; -webkit-box-shadow:4px 4px  
4px 4px #6A6E21; box-shadow:4px 4px 4px  
4px #6A6E21 }
```

Background

The CSS property to change the background color of an element to Hex 6A6E21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A6E21 }
```

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

```
.background{ background-color:#6A6E21 }
```

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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