

Converting Colors

Hex(6A0D21)

Have a look what the booklet for
Hex(6A0D21) contains.

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Color

Hex(6A0D21)

Conversions

Conversions Part 1

Format	Color
Hex	6A0D21
RGB	106, 13, 33
RGB Percent	42%, 5%, 13%
CMY	0.5843, 0.9490, 0.8706
CMYK	0.00, 0.88, 0.69, 0.58
HSL	347°, 78%, 23%
HSV	347°, 88%, 42%
XYZ	6.3623, 3.4618, 1.7717
YIQ	43.0870, 49.0080, 25.9360

Conversions

Conversions Part 2

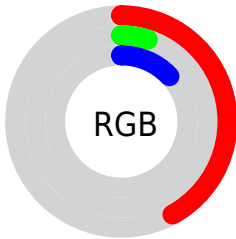
Format	Color
R_{YB}	106, 13, 33
Decimal	6950177
CIE Lab	21.81, 40.06, 14.50
CIE LCh	22, 42.603, 19.901
Yxy	3.4618, 0.5487, 0.2985
Android (android.graphics.Color)	4285140257 (0xFF6A0D21)
YUV	43.0870, -4.9729, 55.1747
Hunter-Lab	18.6060, 28.4774, 7.3784

Details

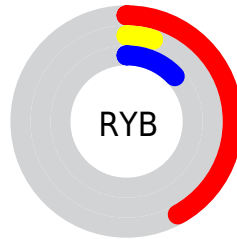
The Hex color **6A0D21** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **0D6A56**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **A3444D**, and **350001** is the 20% darker color. If you saturate the color by 10%, you get **6A0219**, and if you desaturate by 10%, it is **6A1829**.

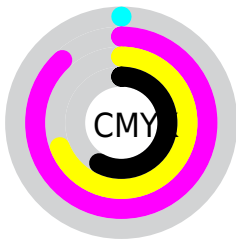
Distribution



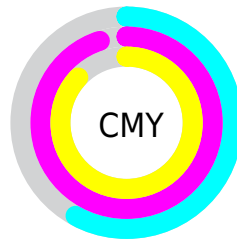
- Red (42%)
- Green (5%)
- Blue (13%)



- Red (42%)
- Yellow (5%)
- Blue (13%)



- Cyan (0%)
- Magenta (88%)
- Yellow (69%)
- Black (58%)



- Cyan (58%)
- Magenta (95%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A0D21 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 6A0D21 by changing the saturation by 10% instead.

6A0D21

6A0D21

FFFFFF

4F000B

A3444D

350001

C05D65

0C0000

DD777E

000000

FB9297

FFADB2

FFC9CE

FFE6EA

6A0D21

6A0D21

■ 6A0219

■ 6A1829

■ 6A0017

■ 6A2232

■ 6A2D3A

■ 6A3742

■ 6A424B

■ 6A4D53

■ 6A575B

■ 6A6264

■ 6A6C6C

Harmonies

Analogous

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



660C40



6A0D21



5F2000

Triad

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



6A0D21



003E05



003B73

Complementary

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



6A0D21



0D6A56

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.



004064



6A0D21



004128

Square

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



6A0D21



2E3900



004249



103170

Rectangle

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



6A0D21



522B00



004249



003E70

Sweetspot

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



6A0D21



8A666E



560D6A



453034



C4C4C4



454545

Same Dimension

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



6A0D21



8A001E



6A270D



363031



750019



F50035

Inverse Universe

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



6A0D21



8A001E



0D506A



363031



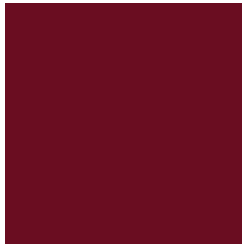
750019



F50035

Previews

White Background



This preview shows how the Hex color 6A0D21 looks on a white background.

Color Contrast Check

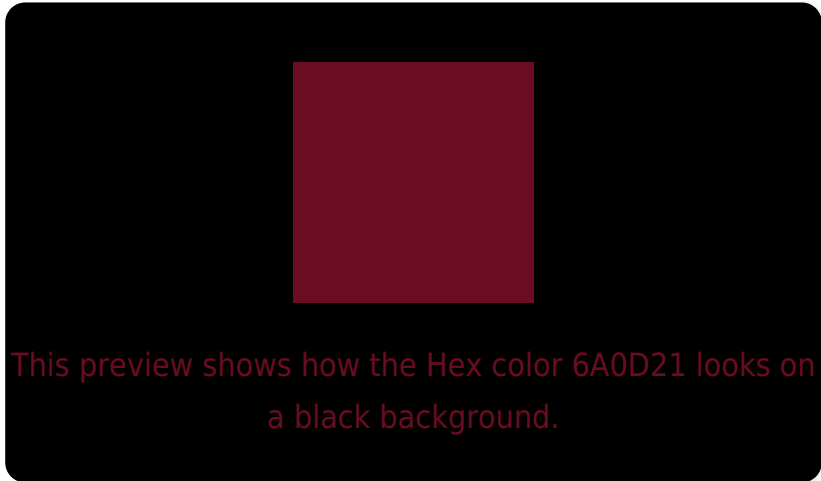
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

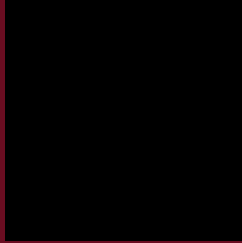
Any Text WCAG AA × Fail

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 6A0D21 Background



This preview shows how black text looks on a background with the Hex color 6A0D21.



This preview shows how white text looks on a background with the Hex color 6A0D21.

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
6A0D21

Protanopia
393730

Deuteranopia
43341C



Tritanopia
6A1111

Trichromacy



Original Color
6A0D21

Protanomaly
4B282B

Deuteranomaly
51261E

Tritanomaly
6A1017

Monochromacy



Original Color
6A0D21

Achromatopsia
2B2B2B

Achromatomaly
422027

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A0D21 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 #6A0D21 looks like.

```
.text, #text, p{  
    color:#6A0D21  
}
```

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 #6A0D21 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A0D21
}
```

Border

The CSS property to change the border of an element to Hex 6A0D21 is called "border". The border property can be set on classes, ids or directly on the HTML element.

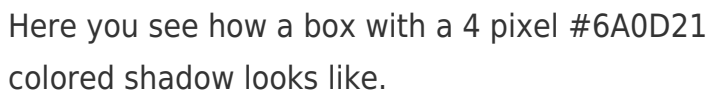
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6A0D21 }
```

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

```
.border{ border-color:#6A0D21 }
```

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



Here you see how a box with a 4 pixel #6A0D21 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A0D21; -webkit-box-shadow:4px 4px  
4px 4px #6A0D21; box-shadow:4px 4px 4px  
4px #6A0D21 }
```

Background

The CSS property to change the background color of an element to Hex 6A0D21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A0D21 }
```

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

```
.background{ background-color:#6A0D21 }
```

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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