

Converting Colors

Hex(6A7201)

Have a look what the booklet for
Hex(6A7201) contains.

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Color

Hex(6A7201)

Conversions

Conversions Part 1

Format	Color
Hex	6A7201
RGB	106, 114, 1
RGB Percent	42%, 45%, 0%
CMY	0.5843, 0.5529, 0.9961
CMYK	0.07, 0.00, 0.99, 0.55
HSL	64°, 98%, 23%
HSV	64°, 99%, 45%
XYZ	11.9667, 15.1010, 2.3128
YIQ	98.7260, 31.5050, -36.8390

Conversions

Conversions Part 2

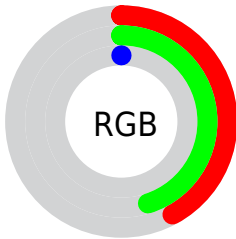
Format	Color
R_{YB}	1, 114, 9
Decimal	6976001
CIE Lab	45.77, -15.66, 51.12
CIE LCh	46, 53.460, 107.033
Yxy	15.1010, 0.4073, 0.5140
Android (android.graphics.Color)	4285166081 (0xFF6A7201)
YUV	98.7260, -48.1789, 6.3793
Hunter-Lab	38.8600, -13.0372, 23.6733

Details

The Hex color **6A7201** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **090172**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **A0A63F**, and **374200** is the 20% darker color. If you saturate the color by 10%, you get **6A7200**, and if you desaturate by 10%, it is **6B720C**.

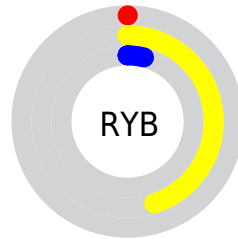
Distribution



Red (42%)

Green (45%)

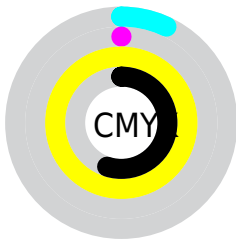
Blue (0%)



Red (0%)

Yellow (45%)

Blue (4%)

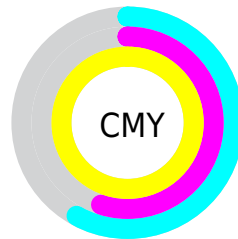


Cyan (7%)

Magenta (0%)

Yellow (99%)

Black (55%)



Cyan (58%)

Magenta (55%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6A7201 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 6A7201 by changing the saturation by 10% instead.

 6A7201

 6A7201

FFFFFF

 505A00

 A0A63F

 374200

 BDC159

 1D2C00

 D9DD73

 001900

 F7F98E

 000000

 FFFFA9

 FFFFC5

 FFFFE1

 6A7201

 6A7201

■ 6A7200

■ 6B720C

■ 6C7218

■ 6C7223

■ 6D722F

■ 6E723A

■ 6F7245

■ 707251

■ 70725C

■ 717268

Harmonies

Analogous

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



926305



6A7201



337B2A

Triad

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



6A7201



007FAD



B34282

Complementary

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



6A7201



090172

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.



8E55AA



6A7201



0077C4

Square

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



6A7201



008185



4269C2



BC4055

Rectangle

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



6A7201



007F47



4269C2



AA4790

Sweetspot

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



6A7201



919468



720901



484A2F



C9C9C9



4A4A4A

Same Dimension

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



6A7201



899400



327201



383832



6F7800



E6F700

Inverse Universe

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



090172



0A0094



410172



333238



080078



1200F7

Previews

White Background



This preview shows how the Hex color 6A7201 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

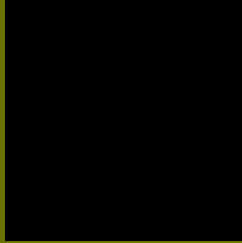
Any Text WCAG AA × Fail

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 6A7201 Background



This preview shows how black text looks on a background with the Hex color 6A7201.



This preview shows how white text looks on a background with the Hex color 6A7201.

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
6A7201

Protanopia
7A6D00

Deuteranopia
896713



Tritanopia
726A72

Trichromacy



Original Color
6A7201

Protanomaly
746F00

Deuteranomaly
7E6B0C

Tritanomaly
6F6D49

Monochromacy



Original Color
6A7201

Achromatopsia
636363

Achromatomaly
66683F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6A7201 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 #6A7201 looks like.

```
.text, #text, p{  
    color:#6A7201  
}
```

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 #6A7201 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6A7201
}
```

Border

The CSS property to change the border of an element to Hex 6A7201 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
#6A7201 }
```

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

```
.border{ border-color:#6A7201 }
```

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

Here you see how a box with a 4 pixel #6A7201 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6A7201; -webkit-box-shadow:4px 4px  
4px 4px #6A7201; box-shadow:4px 4px 4px  
4px #6A7201 }
```

Background

The CSS property to change the background color of an element to Hex 6A7201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6A7201 }
```

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

```
.background{ background-color:#6A7201 }
```

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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