

Converting Colors

Hex(A6721D)

Have a look what the booklet for
Hex(A6721D) contains.

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Color

Hex(A6721D)

Conversions

Conversions Part 1

Format	Color
Hex	A6721D
RGB	166, 114, 29
RGB Percent	65%, 45%, 11%
CMY	0.3490, 0.5529, 0.8863
CMYK	0.00, 0.31, 0.83, 0.35
HSL	37°, 70%, 38%
HSV	37°, 83%, 65%
XYZ	21.9650, 20.2303, 3.9096
YIQ	119.8580, 58.2770, -15.4110

Conversions

Conversions Part 2

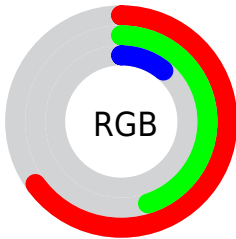
Format	Color
R_{YB}	113, 166, 29
Decimal	10908189
CIE _{Lab}	52.10, 13.31, 51.43
CIE _{LCh}	52, 53.122, 75.487
Yxy	20.2303, 0.4764, 0.4388
Android (android.graphics.Color)	4289098269 (0xFFA6721D)
YUV	119.8580, -44.7930, 40.4665
Hunter-Lab	44.9781, 8.4583, 26.3311

Details

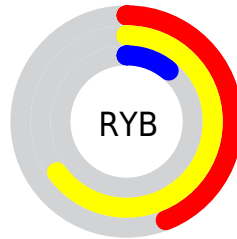
The Hex color **A6721D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1D51A6**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **E1A651**, and **6D4200** is the 20% darker color. If you saturate the color by 10%, you get **A66C0C**, and if you desaturate by 10%, it is **A6782E**.

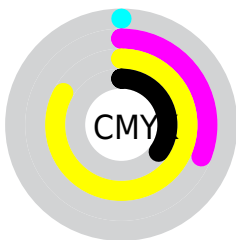
Distribution



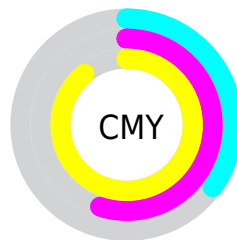
- Red (65%)
- Green (45%)
- Blue (11%)



- Red (44%)
- Yellow (65%)
- Blue (11%)



- Cyan (0%)
- Magenta (31%)
- Yellow (83%)
- Black (35%)



- Cyan (35%)
- Magenta (55%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color A6721D 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 A6721D by changing the saturation by 10% instead.

 A6721D

 A6721D

FFFFFF

 895A00

 E1A651

 6D4200

 FFC16B

 522C00

 FFDD85

 371700

 FFF9A0

 200000

 FFFFBC

 000000

 FFFFD8

 FFFFF5

 A6721D

 A6721D

■ A66C0C

■ A6782E

■ A66700

■ A67F3E

■ A6854F

■ A68B5F

■ A69270

■ A69881

■ A69E91

■ A6A4A2

■ A6ABB2

Harmonies

Analogous

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



C3603D



A6721D



7D8119

Triad

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



A6721D



009293



9D66BD

Complementary

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



A6721D



1D51A6

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.



5179D4



A6721D



008FBC

Square

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



A6721D



009164



0088D4



C35494

Rectangle

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



A6721D



5C892C



0088D4



896DC7

Sweetspot

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



A6721D



D9C4A3



A61D52



6E614D



EDEDED



6E6E6E

Same Dimension

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



A6721D



D98702



96A61D



54514C



945C00



140D00

Inverse Universe

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



1D51A6



0254D9



2D1DA6



4C4F54



003894



000814

Previews

White Background



This preview shows how the Hex color A6721D looks on a white 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

Black 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

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

Hex A6721D Background



This preview shows how black text looks on a background with the Hex color A6721D.



This preview shows how white text looks on a background with the Hex color A6721D.

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
A6721D

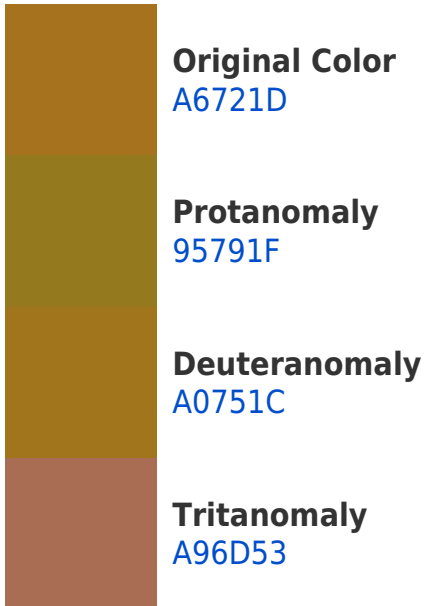
Protanopia
8C7D20

Deuteranopia
9D761B

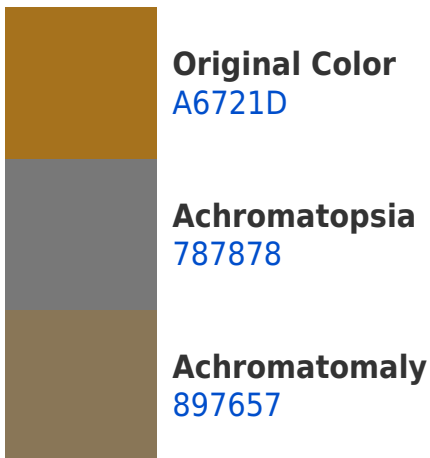


Tritanopia
AB6A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A6721D 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 #A6721D looks like.

```
.text, #text, p{  
    color:#A6721D  
}
```

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 #A6721D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A6721D
}
```

Border

The CSS property to change the border of an element to Hex A6721D 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
#A6721D }
```

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

```
.border{ border-color:#A6721D }
```

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

Here you see how a box with a 4 pixel #A6721D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A6721D; -webkit-box-shadow:4px 4px  
4px 4px #A6721D; box-shadow:4px 4px 4px  
4px #A6721D }
```

Background

The CSS property to change the background color of an element to Hex A6721D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A6721D }
```

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

```
.background{ background-color:#A6721D }
```

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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