

Converting Colors

Hex(B2721A)

Have a look what the booklet for
Hex(B2721A) contains.

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Color

Hex(B2721A)

Conversions

Conversions Part 1

Format	Color
Hex	B2721A
RGB	178, 114, 26
RGB Percent	70%, 45%, 10%
CMY	0.3020, 0.5529, 0.8980
CMYK	0.00, 0.36, 0.85, 0.30
HSL	35°, 75%, 40%
HSV	35°, 85%, 70%
XYZ	24.5639, 21.5742, 3.8469
YIQ	123.1040, 66.3920, -13.8000

Conversions

Conversions Part 2

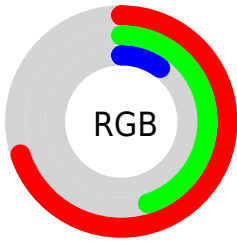
Format	Color
RYB	137, 178, 26
Decimal	11694618
CIELab	53.57, 18.60, 54.33
CIElCh	54, 57.423, 71.095
Yxy	21.5742, 0.4914, 0.4316
Android (android.graphics.Color)	4289884698 (0xFFB2721A)
YUV	123.1040, -47.8723, 48.1438
Hunter-Lab	46.4480, 13.1150, 27.6032

Details

The Hex color **B2721A** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1A5AB2**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **EEA64F**, and **784200** is the 20% darker color. If you saturate the color by 10%, you get **B26B08**, and if you desaturate by 10%, it is **B2792C**.

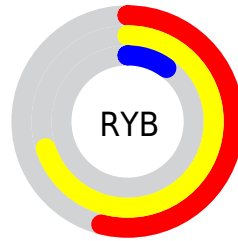
Distribution



Red (70%)

Green (45%)

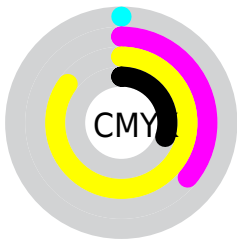
Blue (10%)



Red (54%)

Yellow (70%)

Blue (10%)

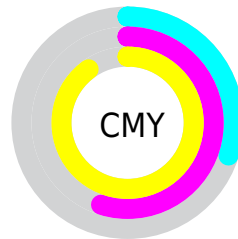


Cyan (0%)

Magenta (36%)

Yellow (85%)

Black (30%)



Cyan (30%)

Magenta (55%)

Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2721A 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 B2721A by changing the saturation by 10% instead.

 B2721A

 B2721A

FFFFFF

 955900

 EEA64F

 784200

 FFC169

 5B2B00

 FFDD84

 401600

 FFFA9F

 280000

 FFFFBA

 000000

 FFFFD7

 FFFFF3

 B2721A

 B2721A

 B26B08

 B2792C

 B26700

 B2813E

 B2884F

 B29061

 B29773

 B29F85

 B2A697

 B2AEA8

 B2B5BA

Harmonies

Analogous

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



CF5D41



B2721A



88830B

Triad

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



B2721A



009792



9A6BCB

Complementary

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



B2721A



1A5AB2

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.



3680E2



B2721A



0095C0

Square

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



B2721A



00955E



008EDE



C956A1

Rectangle

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



B2721A



658C21



008EDE



8272D5

Sweetspot

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



B2721A



E8CFAC



B21A5C



756651



F5F5F5



757575

Same Dimension

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



B2721A



E88600



A8B21A



595550



995900



1A0F00

Inverse Universe

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



1A5AB2



0062E8



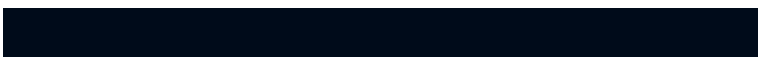
241AB2



505459



004099



000B1A

Previews

White Background



This preview shows how the Hex color B2721A looks on a white background.

Color Contrast Check

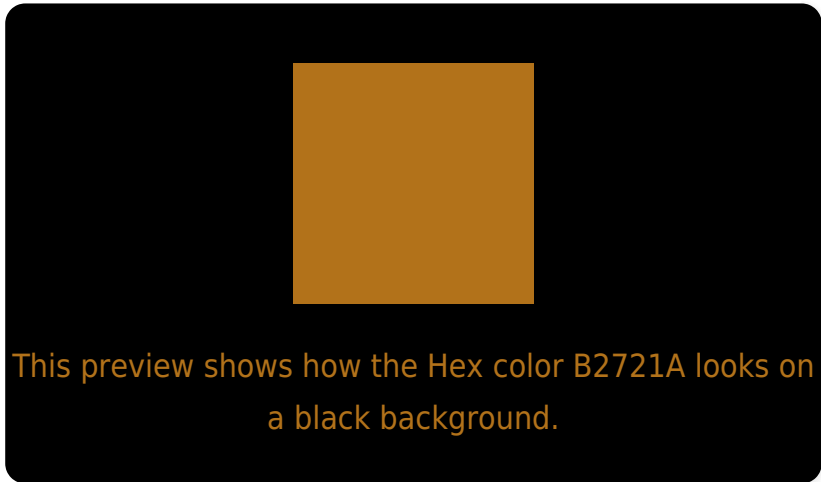
Large Text (above 18pt) WCAG AA ✓ Pass

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 B2721A Background



This preview shows how black text looks on a background with the Hex color B2721A.



This preview shows how white text looks on a background with the Hex color B2721A.

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
B2721A

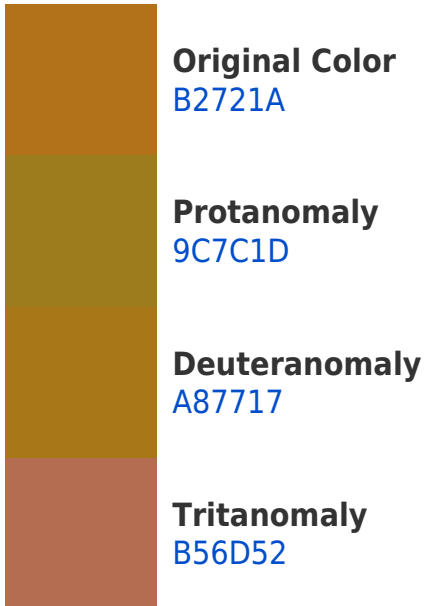
Protanopia
90811E

Deuteranopia
A27A15

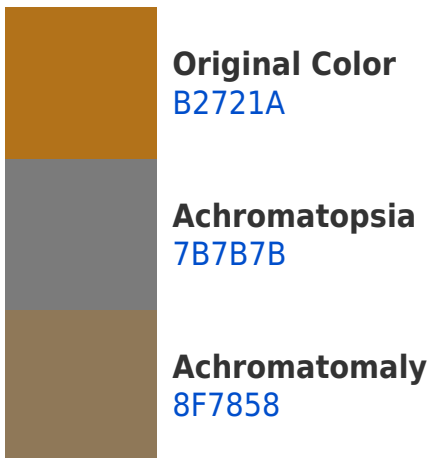


Tritanopia
B66A72

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex B2721A 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 #B2721A looks like.

```
.text, #text, p{  
    color:#B2721A  
}
```

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 #B2721A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2721A
}
```

Border

The CSS property to change the border of an element to Hex B2721A 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
#B2721A }
```

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

```
.border{ border-color:#B2721A }
```

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

Here you see how a box with a 4 pixel #B2721A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2721A; -webkit-box-shadow:4px 4px  
4px 4px #B2721A; box-shadow:4px 4px 4px  
4px #B2721A }
```

Background

The CSS property to change the background color of an element to Hex B2721A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2721A }
```

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

```
.background{ background-color:#B2721A }
```

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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