

Converting Colors

Hex(72B614)

Have a look what the booklet for
Hex(72B614) contains.

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Color

Hex(72B614)

Conversions

Conversions Part 1

Format	Color
Hex	72B614
RGB	114, 182, 20
RGB Percent	45%, 71%, 8%
CMY	0.5529, 0.2863, 0.9216
CMYK	0.37, 0.00, 0.89, 0.29
HSL	85°, 80%, 40%
HSV	85°, 89%, 71%
XYZ	23.7936, 37.0838, 6.5657
YIQ	143.2000, 11.4740, -64.7980

Conversions

Conversions Part 2

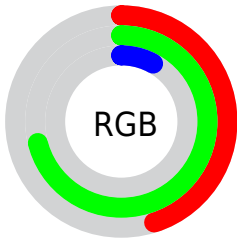
Format	Color
RYB	20, 182, 88
Decimal	7517716
CIELab	67.34, -44.10, 65.26
CIELCh	67, 78.766, 124.050
Yxy	37.0838, 0.3528, 0.5499
Android (android.graphics.Color)	4285707796 (0xFF72B614)
YUV	143.2000, -60.7376, -25.6084
Hunter-Lab	60.8965, -36.8248, 36.2351

Details

The Hex color **72B614** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **5814B6**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **ABEE55**, and **388000** is the 20% darker color. If you saturate the color by 10%, you get **6AB602**, and if you desaturate by 10%, it is **7AB626**.

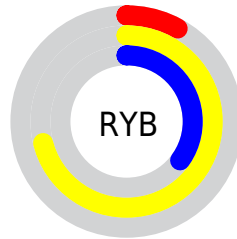
Distribution



Red (45%)

Green (71%)

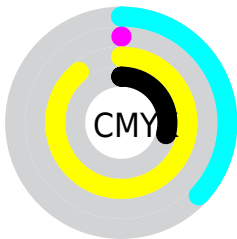
Blue (8%)



Red (8%)

Yellow (71%)

Blue (35%)

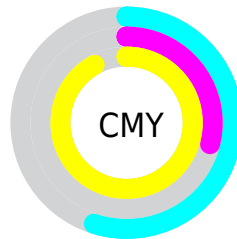


Cyan (37%)

Magenta (0%)

Yellow (89%)

Black (29%)



Cyan (55%)

Magenta (29%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72B614 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 72B614 by changing the saturation by 10% instead.



72B614



72B614

FFFFFF



559B00



ABEE55



388000



C8FF71



176700



E6FF8D



004E00



FFFFA9



003600



FFFFC5



002100



FFFFE2



000000



72B614



72B614



6AB602



7AB626

 6AB600

 81B638

 89B64B

 91B65D

 98B66F

 A0B681

 A7B693

 AFB6A6

 B7B6B8

Harmonies

Analogous

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



BCA400



72B614



00C062

Triad

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



72B614



00BBFF



FF569D

Complementary

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



72B614



5814B6

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.



FF69E3



72B614



00AAFF

Square

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



72B614



00C3F2



AF8CFF



FF6859

Rectangle

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



72B614



00C393



AF8CFF



FF58B5

Sweetspot

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



72B614



D2EDAD



B65814



687851



F7F7F7



787878

Same Dimension

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



72B614



8AED00



22B614



585C53



5A9C00



101C00

Inverse Universe

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



5814B6



6400ED



A814B6



56535C



41009C



0C001C

Previews

White Background



This preview shows how the Hex color 72B614 looks on a white background.

Color Contrast Check

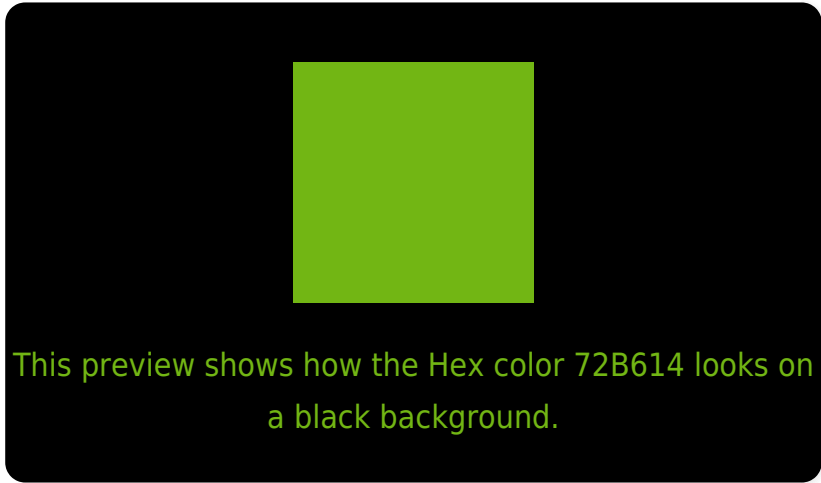
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Hex 72B614 Background



This preview shows how black text looks on a background with the Hex color 72B614.

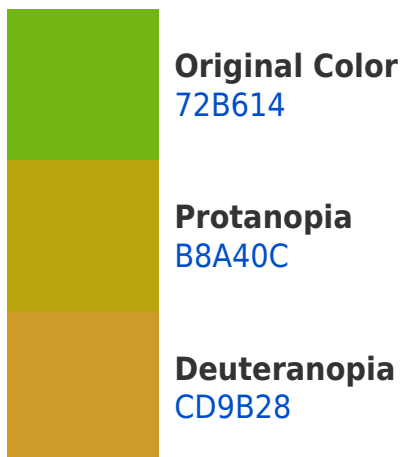


This preview shows how white text looks on a background with the Hex color 72B614.

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





Tritanopia
85A9B7

Trichromacy



Original Color

72B614



Protanomaly

9FAB0F



Deuteranomaly

ACA521



Tritanomaly

7EAE7C

Monochromacy



Original Color

72B614



Achromatopsia

8F8F8F



Achromatomaly

849D62

CSS Examples

Text

The CSS property to change the color of the text to Hex 72B614 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 #72B614 looks like.

```
.text, #text, p{  
    color:#72B614  
}
```

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 #72B614 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72B614
}
```

Border

The CSS property to change the border of an element to Hex 72B614 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
#72B614 }
```

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

```
.border{ border-color:#72B614 }
```

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

Here you see how a box with a 4 pixel #72B614 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72B614; -webkit-box-shadow:4px 4px  
4px 4px #72B614; box-shadow:4px 4px 4px  
4px #72B614 }
```

Background

The CSS property to change the background color of an element to Hex 72B614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72B614 }
```

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

```
.background{ background-color:#72B614 }
```

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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