

Converting Colors

Hex(72BE46)

Have a look what the booklet for
Hex(72BE46) contains.

Hex(72BE46)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(72BE46)

Conversions

Conversions Part 1

Format	Color
Hex	72BE46
RGB	114, 190, 70
RGB Percent	45%, 75%, 27%
CMY	0.5529, 0.2549, 0.7255
CMYK	0.40, 0.00, 0.63, 0.25
HSL	98°, 48%, 51%
HSV	98°, 63%, 75%
XYZ	26.4584, 40.8465, 12.2840
YIQ	153.5960, -6.7760, -53.4320

Conversions

Conversions Part 2

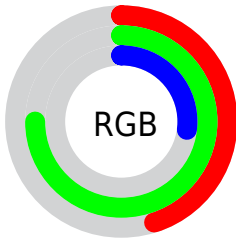
Format	Color
RYB	70, 190, 146
Decimal	7519814
CIELab	70.07, -44.51, 51.75
CIELCh	70, 68.263, 130.698
Yxy	40.8465, 0.3324, 0.5132
Android (android.graphics.Color)	4285709894 (0xFF72BE46)
YUV	153.5960, -41.2128, -34.7257
Hunter-Lab	63.9113, -37.9482, 33.3421

Details

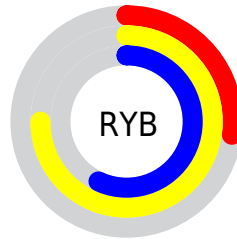
The Hex color **72BE46** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **9246BE**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **AAF77B**, and **398809** is the 20% darker color. If you saturate the color by 10%, you get **66BE33**, and if you desaturate by 10%, it is **7EBE59**.

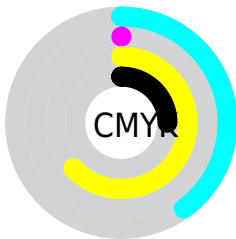
Distribution



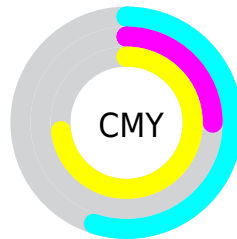
- Red (45%)
- Green (75%)
- Blue (27%)



- Red (27%)
- Yellow (75%)
- Blue (57%)



- Cyan (40%)
- Magenta (0%)
- Yellow (63%)
- Black (25%)



- Cyan (55%)
- Magenta (25%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72BE46 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 72BE46 by changing the saturation by 10% instead.

 72BE46

 72BE46

FFFFFF

 56A32B

 AAF77B

 398809

 C7FF96

 186E00

 E4FFB2

 005500

 FFFFCE

 003D00

 FFFFEB

 002800

 000000

 72BE46

 72BE46

 66BE33

 7EBE59

 5ABE20

 8ABE6C

 4EBE0D

 96BE7F

 46BE00

 A2BE92

 AEBEA5

 BABEB8

 C6BECB

 D2BEDE

 DEBEF1

Harmonies

Analogous

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



B6AF1F



72BE46



00C680

Triad

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



72BE46



00BDFE



FF7098

Complementary

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



72BE46



9246BE

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.



FF78D6



72BE46



52ABFF

Square

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



72BE46



00C6FB



CB91FF



FF805D

Rectangle

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



72BE46



00C8AB



CB91FF



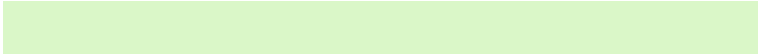
FF6FAC

Sweetspot

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



72BE46



DAF7C8



BE9246



6B7D60



FCFCFC



7D7D7D

Same Dimension

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



72BE46



80F73B



46BE56



585E55



3A9E00



0B1F00

Inverse Universe

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



9246BE



B23BF7



BE46AE



5B555E



64009E



13001F

Previews

White Background



This preview shows how the Hex color 72BE46 looks on a white background.

Color Contrast Check

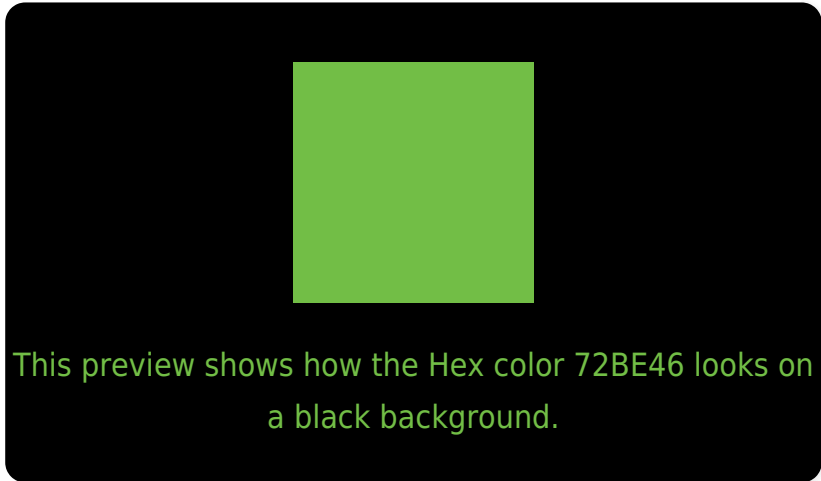
Large Text (above 18pt) WCAG AA × Fail

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 72BE46 Background



This preview shows how black text looks on a background with the Hex color 72BE46.

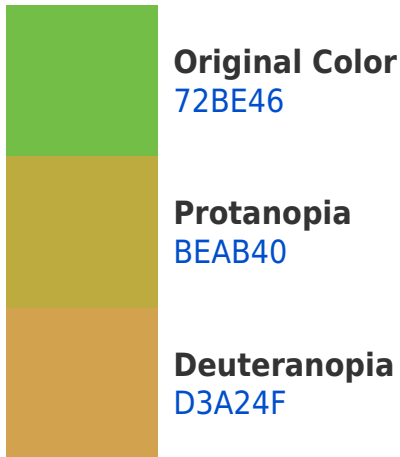


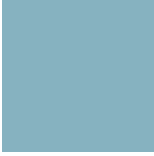
This preview shows how white text looks on a background with the Hex color 72BE46.

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
86B2C0

Trichromacy



Original Color

72BE46



Protanomaly

A2B242



Deuteranomaly

B0AC4C



Tritanomaly

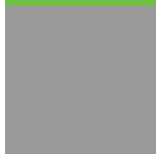
7FB694

Monochromacy



Original Color

72BE46



Achromatopsia

9A9A9A



Achromatomaly

8BA77B

CSS Examples

Text

The CSS property to change the color of the text to Hex 72BE46 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 #72BE46 looks like.

```
.text, #text, p{  
    color:#72BE46  
}
```

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 #72BE46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72BE46
}
```

Border

The CSS property to change the border of an element to Hex 72BE46 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
#72BE46 }
```

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

```
.border{ border-color:#72BE46 }
```

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

Here you see how a box with a 4 pixel #72BE46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72BE46; -webkit-box-shadow:4px 4px  
4px 4px #72BE46; box-shadow:4px 4px 4px  
4px #72BE46 }
```

Background

The CSS property to change the background color of an element to Hex 72BE46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72BE46 }
```

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

```
.background{ background-color:#72BE46 }
```

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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