

Converting Colors

Hex(72BF56)

Have a look what the booklet for
Hex(72BF56) contains.

Hex(72BF56)	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(72BF56)

Conversions

Conversions Part 1

Format	Color
Hex	72BF56
RGB	114, 191, 86
RGB Percent	45%, 75%, 34%
CMY	0.5529, 0.2510, 0.6627
CMYK	0.40, 0.00, 0.55, 0.25
HSL	104°, 45%, 54%
HSV	104°, 55%, 75%
XYZ	27.2499, 41.5109, 15.3803
YIQ	156.0070, -12.1870, -48.9790

Conversions

Conversions Part 2

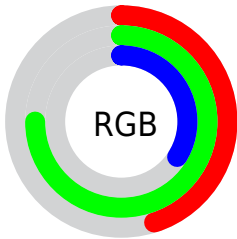
Format	Color
RYB	86, 191, 163
Decimal	7520086
CIELab	70.53, -43.29, 45.03
CIELCh	71, 62.467, 133.868
Yxy	41.5109, 0.3239, 0.4933
Android (android.graphics.Color)	4285710166 (0xFF72BF56)
YUV	156.0070, -34.5135, -36.8401
Hunter-Lab	64.4290, -37.2549, 30.9467

Details

The Hex color **72BF56** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **A356BF**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **AAF88A**, and **3A8922** is the 20% darker color. If you saturate the color by 10%, you get **64BF43**, and if you desaturate by 10%, it is **80BF69**.

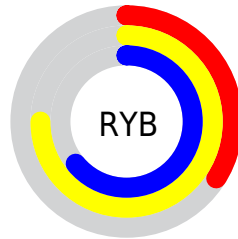
Distribution



Red (45%)

Green (75%)

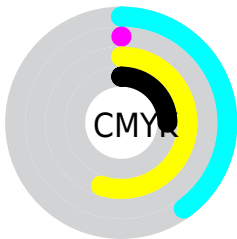
Blue (34%)



Red (34%)

Yellow (75%)

Blue (64%)

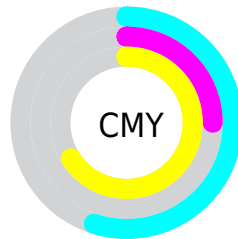


Cyan (40%)

Magenta (0%)

Yellow (55%)

Black (25%)



Cyan (55%)

Magenta (25%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 72BF56 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 72BF56 by changing the saturation by 10% instead.



72BF56



72BF56

FFFFFF



56A43C



AAF88A



3A8922



C6FFA6



1A6F02



E4FFC1



005600



FFFFDE



003E00



FFFFFFB



002900



000400



000000



72BF56



72BF56

 64BF43

 80BF69

 56BF30

 8EBF7C

 48BF1D

 9CBF8F

 3ABF0A

 AABFA2

 33BF00

 B8BFB6

 C6BFC9

 D4BFDC

 E2BFEF

 F0BFFF

Harmonies

Analogous

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



B2B234



72BF56



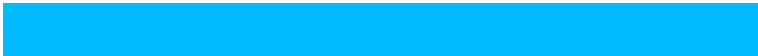
00C68B

Triad

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



72BF56



00BBFF



FF7994

Complementary

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



72BF56



A356BF

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.



FF7DCE



72BF56



74AAFF

Square

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



72BF56



00C5FA



D292FF



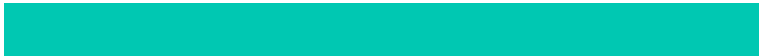
FF8860

Rectangle

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



72BF56



00C8B2



D292FF



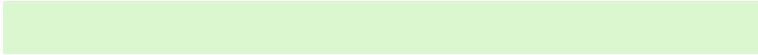
FF78A7

Sweetspot

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



72BF56



DAF7D0



BFA356



6C7D65



FCFCFC



7D7D7D

Same Dimension

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



72BF56



80F754



56BF6F



575E55



2A9E00



081F00

Inverse Universe

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



A356BF



CC54F7



BF56A7



5C555E



74009E



16001F

Previews

White Background



This preview shows how the Hex color 72BF56 looks on a white background.

Color Contrast Check

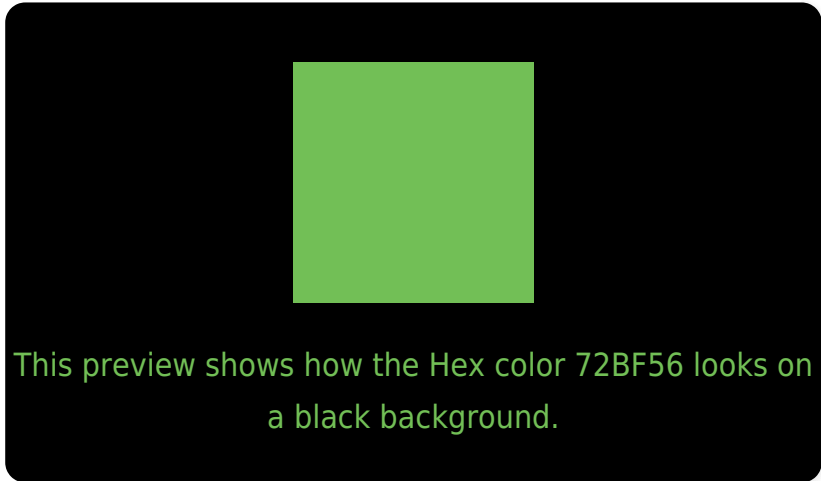
Large Text (above 18pt) WCAG AA × Fail

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 72BF56 Background



This preview shows how black text looks on a background with the Hex color 72BF56.



This preview shows how white text looks on a background with the Hex color 72BF56.

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
72BF56

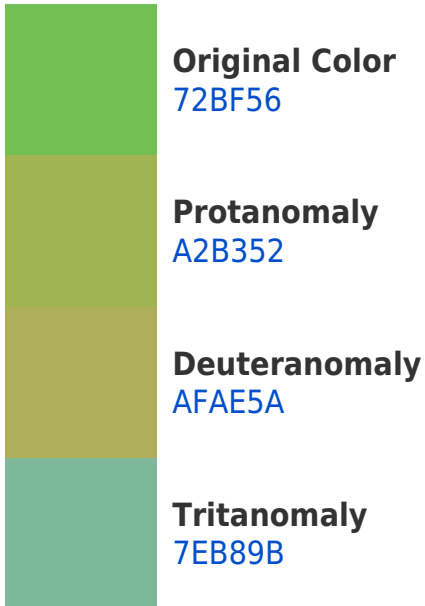
Protanopia
BEAC50

Deuteranopia
D2A45D

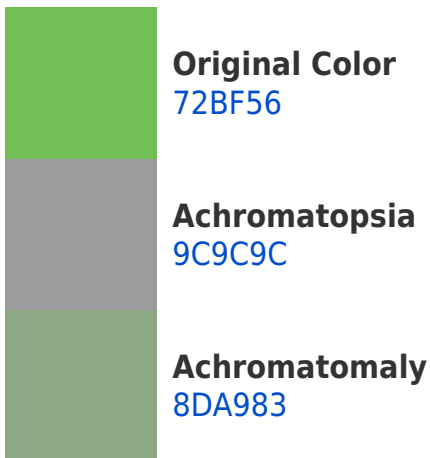


Tritanopia
85B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 72BF56 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 #72BF56 looks like.

```
.text, #text, p{  
    color:#72BF56  
}
```

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 #72BF56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #72BF56
}
```

Border

The CSS property to change the border of an element to Hex 72BF56 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
#72BF56 }
```

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

```
.border{ border-color:#72BF56 }
```

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

Here you see how a box with a 4 pixel #72BF56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #72BF56; -webkit-box-shadow:4px 4px  
4px 4px #72BF56; box-shadow:4px 4px 4px  
4px #72BF56 }
```

Background

The CSS property to change the background color of an element to Hex 72BF56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#72BF56 }
```

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

```
.background{ background-color:#72BF56 }
```

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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