

Converting Colors

Hex(75CD59)

Have a look what the booklet for
Hex(75CD59) contains.

Hex(75CD59)	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(75CD59)

Conversions

Conversions Part 1

Format	Color
Hex	75CD59
RGB	117, 205, 89
RGB Percent	46%, 80%, 35%
CMY	0.5412, 0.1961, 0.6510
CMYK	0.43, 0.00, 0.57, 0.20
HSL	106°, 54%, 58%
HSV	106°, 57%, 80%
XYZ	30.9706, 48.1658, 17.1158
YIQ	165.4640, -15.2120, -54.7320

Conversions

Conversions Part 2

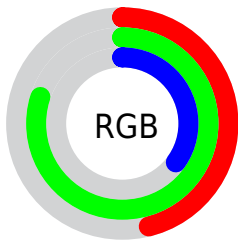
Format	Color
RYB	89, 205, 177
Decimal	7720281
CIELab	74.93, -47.87, 48.84
CIELCh	75, 68.387, 134.429
Yxy	48.1658, 0.3218, 0.5004
Android (android.graphics.Color)	4285910361 (0xFF75CD59)
YUV	165.4640, -37.6968, -42.5029
Hunter-Lab	69.4016, -41.7968, 33.9590

Details

The Hex color **75CD59** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **B159CD**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **AEFF8E**, and **3B9624** is the 20% darker color. If you saturate the color by 10%, you get **65CD45**, and if you desaturate by 10%, it is **85CD6E**.

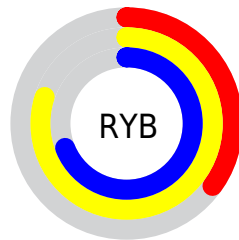
Distribution



Red (46%)

Green (80%)

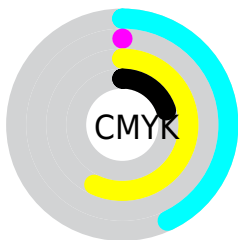
Blue (35%)



Red (35%)

Yellow (80%)

Blue (69%)

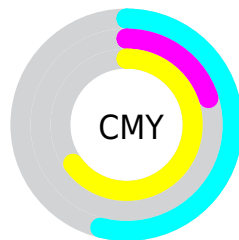


Cyan (43%)

Magenta (0%)

Yellow (57%)

Black (20%)



Cyan (54%)

Magenta (20%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 75CD59 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 75CD59 by changing the saturation by 10% instead.

 75CD59

 75CD59

FFFFFF

 59B13F

 AEFF8E

 3B9624

 CBFFA9

 187C01

 E8FFC5

 006200

 FFFFE2

 004900

 003200

 001A00

 000000

 75CD59

 75CD59

 65CD45

 85CD6E

 56CD30

 94CD82

 46CD1B

 A4CD97

 37CD07

 B3CDAB

 31CD00

 C3CDC0

 D2CDD4

 E2CDE9

 F1CDFD

 FFCDFE

Harmonies

Analogous

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



BDBF31



75CD59



00D594

Triad

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



75CD59



00C9FF



FF7E9D

Complementary

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



75CD59



B159CD

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.



FF83DC



75CD59



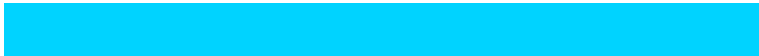
79B5FF

Square

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



75CD59



00D3FF



E39BFF



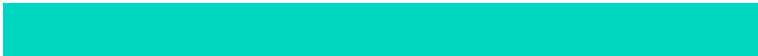
FF9063

Rectangle

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



75CD59



00D7C0



E39BFF



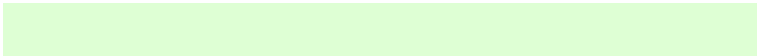
FF7DB2

Sweetspot

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



75CD59



DEFFD4



CDB059



6C8066



000000



808080

Same Dimension

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



75CD59



7BFF52



59CD76



5E665C



28A600



092600

Inverse Universe

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



B159CD



D552FF



CD59B0



645C66



7E00A6



1D0026

Previews

White Background



This preview shows how the Hex color 75CD59 looks on a white background.

Color Contrast Check

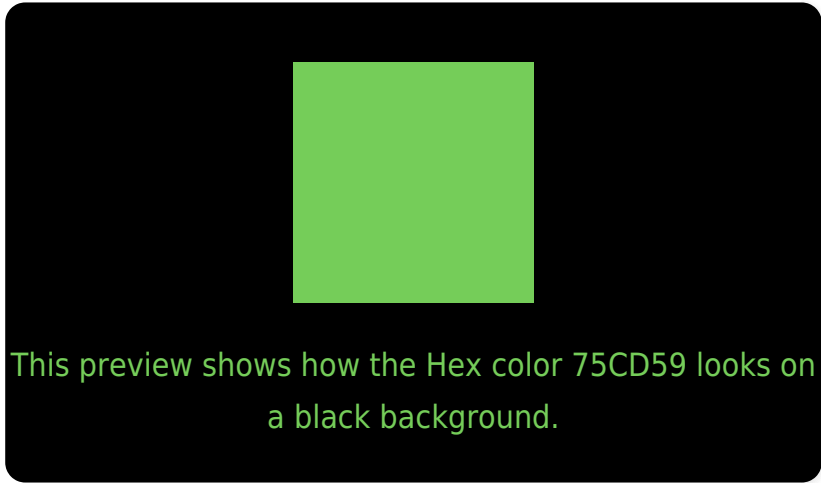
Large Text (above 18pt) WCAG AA × Fail

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 75CD59 Background



This preview shows how black text looks on a background with the Hex color 75CD59.

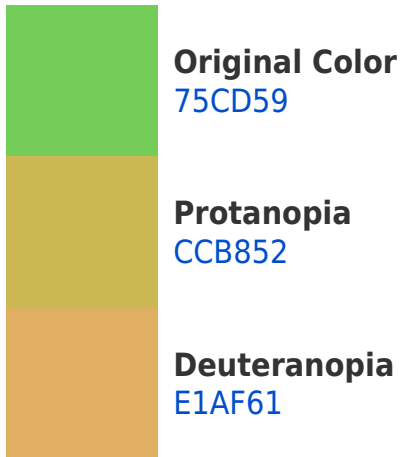


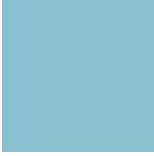
This preview shows how white text looks on a background with the Hex color 75CD59.

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](#).

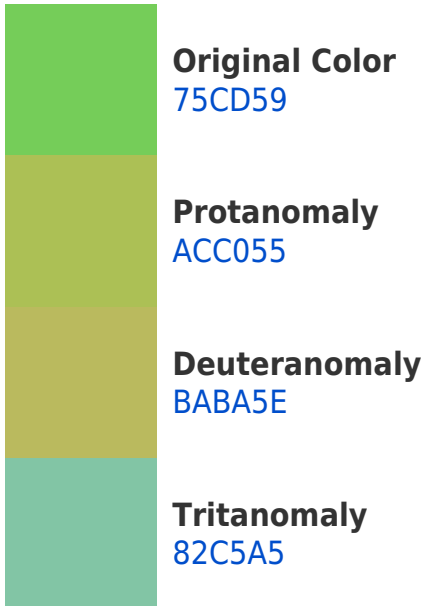
Dichromacy



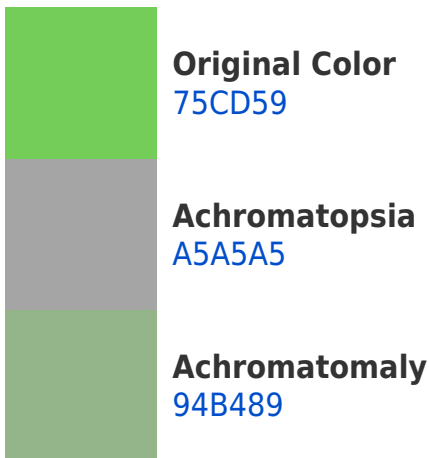


Tritanopia
8AC1D0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 75CD59 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 #75CD59 looks like.

```
.text, #text, p{  
    color:#75CD59  
}
```

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 #75CD59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #75CD59
}
```

Border

The CSS property to change the border of an element to Hex 75CD59 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
#75CD59 }
```

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

```
.border{ border-color:#75CD59 }
```

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

Here you see how a box with a 4 pixel #75CD59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #75CD59; -webkit-box-shadow:4px 4px  
4px 4px #75CD59; box-shadow:4px 4px 4px  
4px #75CD59 }
```

Background

The CSS property to change the background color of an element to Hex 75CD59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#75CD59 }
```

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

```
.background{ background-color:#75CD59 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor