

Converting Colors

Hex(64CE92)

Have a look what the booklet for
Hex(64CE92) contains.

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Color

Hex(64CE92)

Conversions

Conversions Part 1

Format	Color
Hex	64CE92
RGB	100, 206, 146
RGB Percent	39%, 81%, 57%
CMY	0.6078, 0.1922, 0.4275
CMYK	0.51, 0.00, 0.29, 0.19
HSL	146°, 52%, 60%
HSV	146°, 51%, 81%
XYZ	32.5151, 48.9273, 34.9243
YIQ	167.4660, -43.9160, -41.1320

Conversions

Conversions Part 2

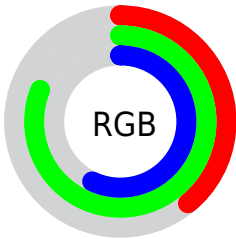
Format	Color
RYB	100, 174, 206
Decimal	6606482
CIELab	75.41, -44.30, 20.69
CIELCh	75, 48.894, 154.963
Yxy	48.9273, 0.2794, 0.4205
Android (android.graphics.Color)	4284796562 (0xFF64CE92)
YUV	167.4660, -10.5827, -59.1677
Hunter-Lab	69.9480, -39.4338, 19.3607

Details

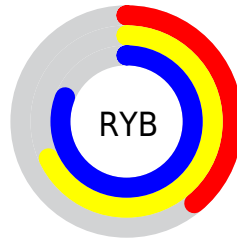
The Hex color **64CE92** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **CE64A0**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **9DFFC8**, and **26975F** is the 20% darker color. If you saturate the color by 10%, you get **4FCE86**, and if you desaturate by 10%, it is **79CE9E**.

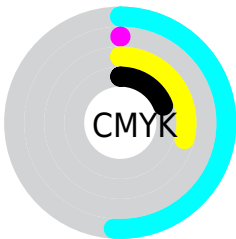
Distribution



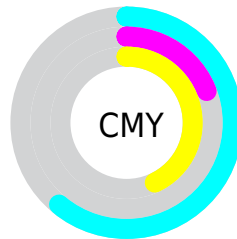
- Red (39%)
- Green (81%)
- Blue (57%)



- Red (39%)
- Yellow (68%)
- Blue (81%)



- Cyan (51%)
- Magenta (0%)
- Yellow (29%)
- Black (19%)



- Cyan (61%)
- Magenta (19%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64CE92 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 64CE92 by changing the saturation by 10% instead.

 64CE92

 64CE92

FFFFFF

 47B278

 9DFFC8

 26975F

 BAFFE4

 007C47

 D7FFFF

 006330

 F5FFFF

 004A1A

 003202

 001B00

 000000

 64CE92

 64CE92

 4FCE86

 79CE9E

 3BCE7B

 8DCEA9

 26CE6F

 A2CEB5

 12CE63

 B6CEC1

 00CE59

 CBCECC

 E0CED8

 F4CEE4

 FFCEEF

 FFCEFB

Harmonies

Analogous

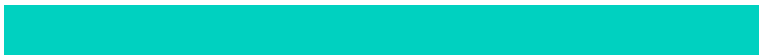
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FC66E



64CE92



00D1C0

Triad

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



64CE92



7EBCFF



FF9B88

Complementary

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



64CE92



CE64A0

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.



FF95B4



64CE92



C8ABFF

Square

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



64CE92



00C9FF



F89BE1



F4AA68

Rectangle

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



64CE92



00D1DE



F89BE1



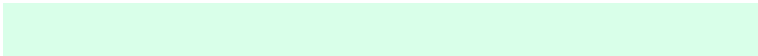
FF9896

Sweetspot

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



64CE92



D9FFE9



A0CE64



698073



000000



808080

Same Dimension

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



64CE92



61FFA6



64CEC7



5C6660



00A648



002611

Inverse Universe

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



CE64A0



FF61BA



CE646B



665C62



A6005E



260016

Previews

White Background



This preview shows how the Hex color 64CE92 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



This preview shows how the Hex color 64CE92 looks on a 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 64CE92 Background



This preview shows how black text looks on a background with the Hex color 64CE92.

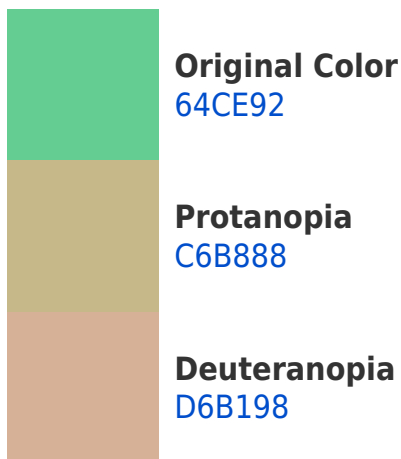


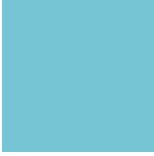
This preview shows how white text looks on a background with the Hex color 64CE92.

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



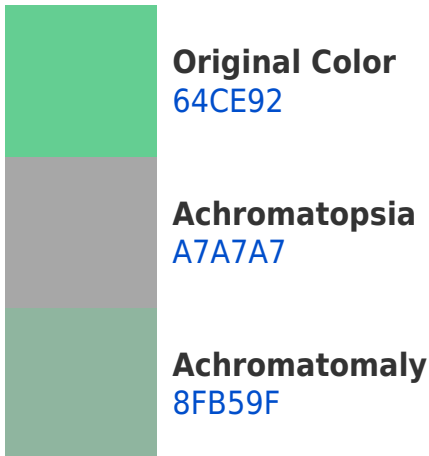


Tritanopia
76C5D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64CE92 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 #64CE92 looks like.

```
.text, #text, p{  
    color:#64CE92  
}
```

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 #64CE92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64CE92
}
```

Border

The CSS property to change the border of an element to Hex 64CE92 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
#64CE92 }
```

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

```
.border{ border-color:#64CE92 }
```

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

Here you see how a box with a 4 pixel #64CE92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64CE92; -webkit-box-shadow:4px 4px  
4px 4px #64CE92; box-shadow:4px 4px 4px  
4px #64CE92 }
```

Background

The CSS property to change the background color of an element to Hex 64CE92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64CE92 }
```

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

```
.background{ background-color:#64CE92 }
```

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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