

# Converting Colors

Hex(64BE92)

Have a look what the booklet for  
Hex(64BE92) contains.

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# **Color**

**Hex(64BE92)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 64BE92                       |
| RGB         | 100, 190, 146                |
| RGB Percent | 39%, 75%, 57%                |
| CMY         | 0.6078, 0.2549, 0.4275       |
| CMYK        | 0.47, 0.00, 0.23, 0.25       |
| HSL         | 151°, 41%, 57%               |
| HSV         | 151°, 47%, 75%               |
| XYZ         | 28.8573, 41.6116, 33.7050    |
| YIQ         | 158.0740, -39.5160, -32.7640 |

# Conversions

## Conversions Part 2

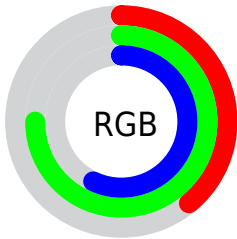
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| <a href="#">RYB</a>                 | 100, 160, 190                  |
| Decimal                             | 6602386                        |
| CIELab                              | 70.60, -37.23, 14.02           |
| CIElCh                              | 71, 39.784, 159.364            |
| Yxy                                 | 41.6116, 0.2770,<br>0.3994     |
| Android<br>(android.graphics.Color) | 4284792466<br>(0xFF64BE92)     |
| YUV                                 | 158.0740, -5.9525,<br>-50.9309 |
| Hunter-Lab                          | 64.5070, -33.0351,<br>14.1758  |

# Details

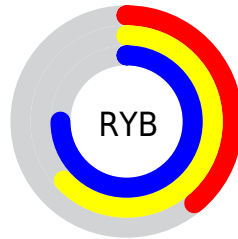
The Hex color **64BE92** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **BE6490**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **9BF7C8**, and **2B885F** is the 20% darker color. If you saturate the color by 10%, you get **51BE89**, and if you desaturate by 10%, it is **77BE9B**.

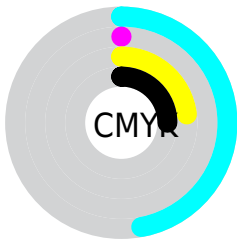
# Distribution



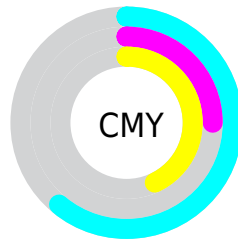
- Red (39%)
- Green (75%)
- Blue (57%)



- Red (39%)
- Yellow (63%)
- Blue (75%)



- Cyan (47%)
- Magenta (0%)
- Yellow (23%)
- Black (25%)



- Cyan (61%)
- Magenta (25%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64BE92 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 64BE92 by changing the saturation by 10% instead.



 64BE92

 64BE92

FFFFFF

 48A378

 9BF7C8

 2B885F

 B8FFE4

 006E48

 D5FFFF

 005531

 F2FFFF

 003D1C

 002703

 000400

 000000

 64BE92

 64BE92

 51BE89

 77BE9B

 3EBE7F

 8ABEA5

 2BBE76

 9DBEAE

 18BE6D

 B0BEB7

 05BE64

 C3BEC0

 00BE61

 D6BECA

 E9BED3

 FCBEDC

 FFBEE6

# Harmonies

## Analogous

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



92B873



64BE92



29C0B7

# Triad

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



64BE92



8AACF4



EE9681

# Complementary

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



64BE92



BE6490

# 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.



F390A3



64BE92



BF9FE5

# Square

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



64BE92



47B7F0



E394C7



D9A269

# Rectangle

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



64BE92



00BFCF



E394C7



F2938B

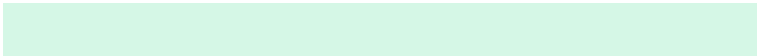


# Sweetspot

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



64BE92



D5F7E6



91BE64



687D73



FCFCFC



7D7D7D



# Same Dimension

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



64BE92



6AF7B2



64BEBE



555E5A



009E51



001F10



# Inverse Universe

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



BE6490



F76AAF



BE6464



5E555A



9E004D



1F000F



# Previews

## White Background



This preview shows how the Hex color 64BE92 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 64BE92 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

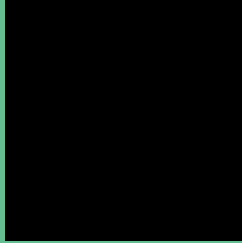
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 64BE92 Background



This preview shows how black text looks on a background with the Hex color 64BE92.

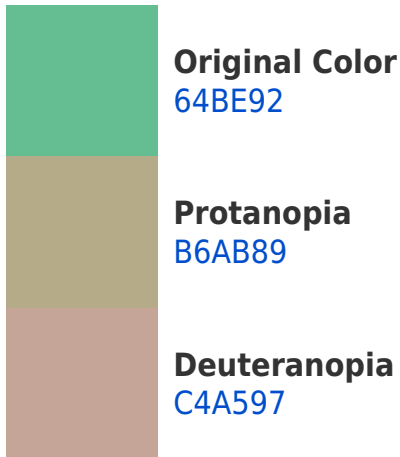


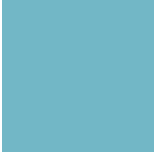
This preview shows how white text looks on a background with the Hex color 64BE92.

# 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](#).

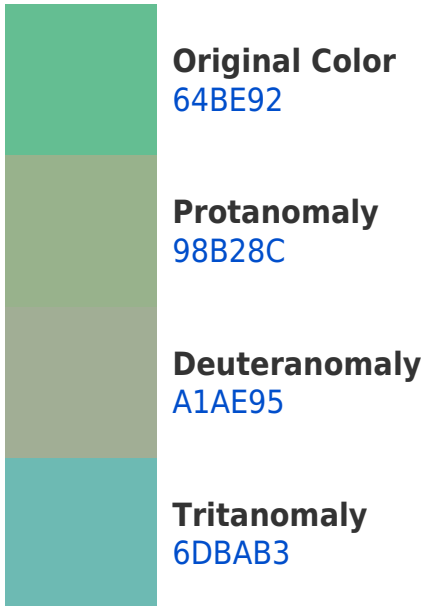
## Dichromacy





**Tritanopia**  
72B7C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64BE92 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 #64BE92 looks like.

```
.text, #text, p{  
    color:#64BE92  
}
```

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 #64BE92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64BE92
}
```

## Border

The CSS property to change the border of an element to Hex 64BE92 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
#64BE92 }
```

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

```
.border{ border-color:#64BE92 }
```

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

Here you see how a box with a 4 pixel #64BE92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64BE92; -webkit-box-shadow:4px 4px  
4px 4px #64BE92; box-shadow:4px 4px 4px  
4px #64BE92 }
```

# Background

The CSS property to change the background color of an element to Hex 64BE92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64BE92 }
```

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

```
.background{ background-color:#64BE92 }
```

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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