

# Converting Colors

Hex(64E3F2)

Have a look what the booklet for  
Hex(64E3F2) contains.

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# **Color**

**Hex(64E3F2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	64E3F2
RGB	100, 227, 242
RGB Percent	39%, 89%, 95%
CMY	0.6078, 0.1098, 0.0510
CMYK	0.59, 0.06, 0.00, 0.05
HSL	186°, 85%, 67%
HSV	186°, 59%, 95%
XYZ	48.7516, 64.0583, 93.7994
YIQ	190.7370, -80.5070, -22.2590

# Conversions

## Conversions Part 2

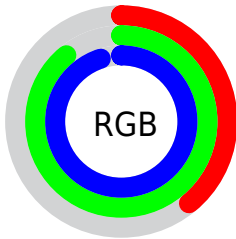
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	100, 167, 242
Decimal	6611954
CIE Lab	84.00, -30.78, -17.89
CIE LCh	84, 35.602, 210.175
Yxy	64.0583, 0.2360, 0.3100
Android (android.graphics.Color)	4284802034 (0xFF64E3F2)
YUV	190.7370, 25.2727, -79.5763
Hunter-Lab	80.0364, -31.3362, -13.4599

# Details

The Hex color **64E3F2** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **F27364**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **A3FFFF**, and **07ABBA** is the 20% darker color. If you saturate the color by 10%, you get **4CE0F2**, and if you desaturate by 10%, it is **7CE6F2**.

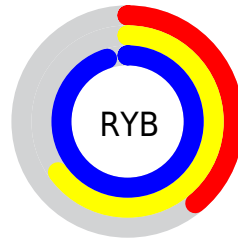
# Distribution



Red (39%)

Green (89%)

Blue (95%)



Red (39%)

Yellow (65%)

Blue (95%)

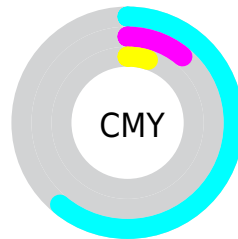


Cyan (59%)

Magenta (6%)

Yellow (0%)

Black (5%)



Cyan (61%)

Magenta (11%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 64E3F2 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 64E3F2 by changing the saturation by 10% instead.



 64E3F2

 64E3F2

FFFFFF

 41C7D6

 A3FFFF

 07ABBA

 C1FFFF

 00909F

 E0FFFF

 007685

FEFFFF

 005D6C

 004553

 002E3C

 001826

 000111

 64E3F2

 64E3F2

 4CE0F2

 7CE6F2

 34DEF2

 94E8F2

 1BDBF2

 ADEBF2

 03D9F2

 C5EDF2

 00D8F2

 DDF0F2

 F5F2F2

 FFF5F2

 FFF7F2

 FFFAF2

# Harmonies

## Analogous

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



79E4D0



64E3F2



77DEFF

# Triad

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



64E3F2



FCBEF3



E9CF8E

# Complementary

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



64E3F2



F27364

# 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.



FFC498



64E3F2



FFB8D3

# Square

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



64E3F2



D6C9FF



FFBBB1



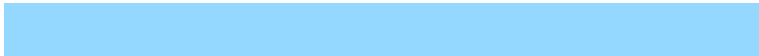
C5DA97

# Rectangle

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



64E3F2



95D8FF



FFBBB1



F3CC90

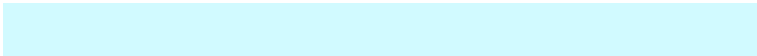


# Sweetspot

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



64E3F2



D1FAFF



64F272



637D80



000000



808080

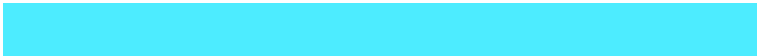


# Same Dimension

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



64E3F2



4DECFE



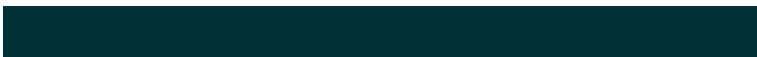
649DF2



6C7778



00A4B8



003238



# Inverse Universe

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



F264E3



FF4DEC



F2B964



786C77



B800A4

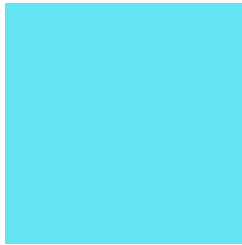


380032



# Previews

## White Background



This preview shows how the Hex color 64E3F2 looks on a white background.

## Color Contrast Check

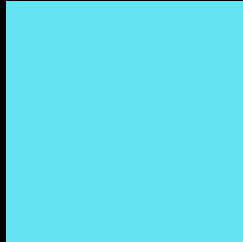
Large Text (above 18pt) WCAG AA × Fail

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 64E3F2 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 64E3F2 Background



This preview shows how black text looks on a background with the Hex color 64E3F2.

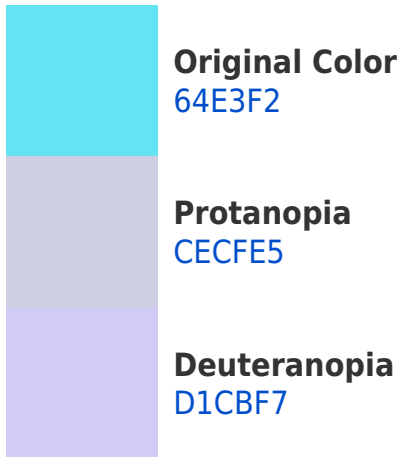


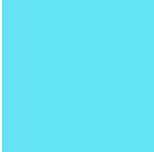
This preview shows how white text looks on a background with the Hex color 64E3F2.

# 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](#).

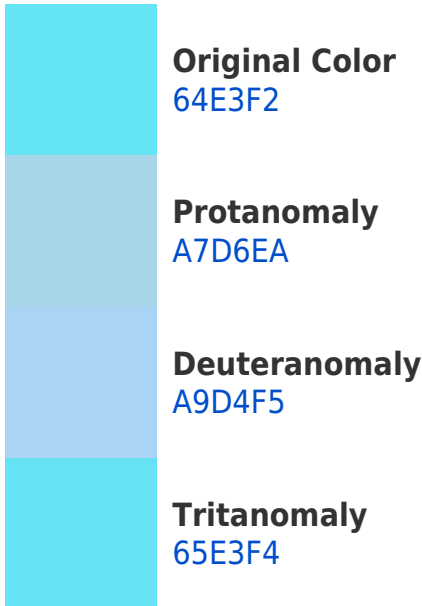
## Dichromacy



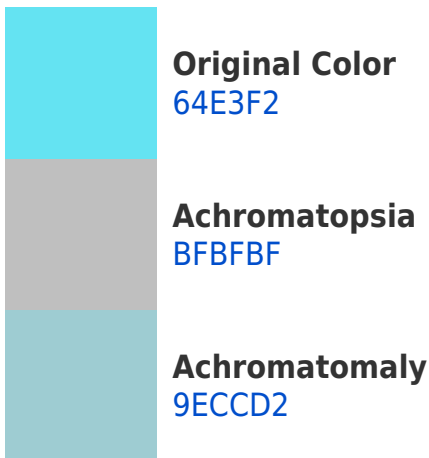


**Tritanopia**  
65E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 64E3F2 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 #64E3F2 looks like.

```
.text, #text, p{  
    color:#64E3F2  
}
```

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 #64E3F2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64E3F2  
}
```

## Border

The CSS property to change the border of an element to Hex 64E3F2 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  
#64E3F2 }
```

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

```
.border{ border-color:#64E3F2 }
```

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

Here you see how a box with a 4 pixel #64E3F2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64E3F2; -webkit-box-shadow:4px 4px  
4px 4px #64E3F2; box-shadow:4px 4px 4px  
4px #64E3F2 }
```

# Background

The CSS property to change the background color of an element to Hex 64E3F2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64E3F2 }
```

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

```
.background{ background-color:#64E3F2 }
```

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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