

Converting Colors

Hex(64A2E4)

Have a look what the booklet for
Hex(64A2E4) contains.

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Color

Hex(64A2E4)

Conversions

Conversions Part 1

Format	Color
Hex	64A2E4
RGB	100, 162, 228
RGB Percent	39%, 64%, 89%
CMY	0.6078, 0.3647, 0.1059
CMYK	0.56, 0.29, 0.00, 0.11
HSL	211°, 70%, 64%
HSV	211°, 56%, 89%
XYZ	32.1795, 34.1514, 78.2946
YIQ	150.9860, -58.1380, 7.3820

Conversions

Conversions Part 2

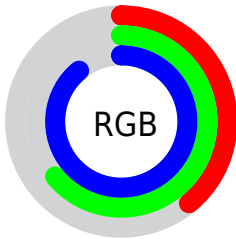
Format	Color
RYB	100, 142, 228
Decimal	6595300
CIELab	65.08, -1.01, -39.38
CIElCh	65, 39.394, 268.532
Yxy	34.1514, 0.2225, 0.2361
Android (android.graphics.Color)	4284785380 (0xFF64A2E4)
YUV	150.9860, 37.9679, -44.7147
Hunter-Lab	58.4392, -3.9779, -38.5270

Details

The Hex color **64A2E4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E4A664**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **9FD9FF**, and **206FAC** is the 20% darker color. If you saturate the color by 10%, you get **4D96E4**, and if you desaturate by 10%, it is **7BAEE4**.

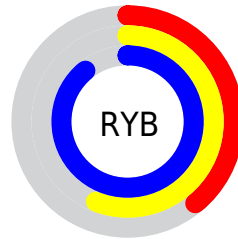
Distribution



Red (39%)

Green (64%)

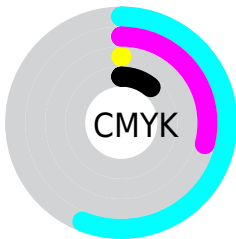
Blue (89%)



Red (39%)

Yellow (56%)

Blue (89%)

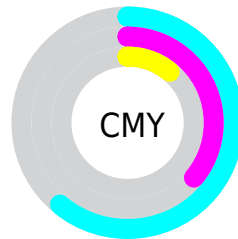


Cyan (56%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (61%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64A2E4 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 64A2E4 by changing the saturation by 10% instead.

■ 64A2E4

■ 64A2E4

FFFFFF

■ 4588C8

■ 9FD9FF

■ 206FAC

■ BCF5FF

■ 005791

■ DAFFFF

■ 004077

■ F7FFFF

■ 002A5E

■ 001646

■ 00042F

■ 00011A

■ 000000

■ 64A2E4

■ 64A2E4

■ 4D96E4

■ 7BAEE4

■ 368AE4

■ 92BAE4

■ 207FE4

■ A8C5E4

■ 0973E4

■ BFD1E4

■ 006EE4

■ D6DDE4

■ EDE9E4

■ FFF4E4

■ FFFFE4

Harmonies

Analogous

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



00ABD9



64A2E4



9F95DC

Triad

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



64A2E4



E1857E



67AD78

Complementary

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



64A2E4



E4A664

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.



92A65E



64A2E4



D28F63

Square

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



64A2E4



DF82A1



B69B57



2FB09B

Rectangle

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



64A2E4



BD8DCD



B69B57



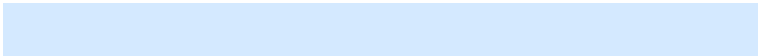
76AB6E

Sweetspot

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



64A2E4



D4E9FF



64E4A4



667280



000000



808080

Same Dimension

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



64A2E4



54A7FF



6464E4



676D73



0056B3



001933

Inverse Universe

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



E464A2



FF54A7



E4E464



73676D



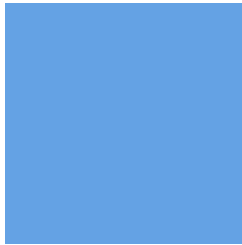
B30056



330019

Previews

White Background



This preview shows how the Hex color 64A2E4 looks on a white background.

Color Contrast Check

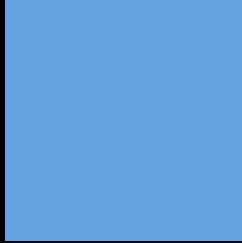
Large Text (above 18pt) WCAG AA × Fail

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 64A2E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

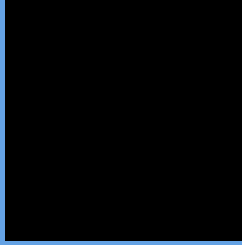
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

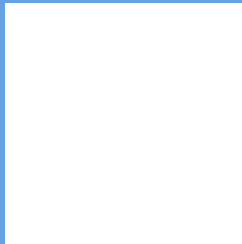
Any Text WCAG AAA ✓ Pass

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

Hex 64A2E4 Background



This preview shows how black text looks on a background with the Hex color 64A2E4.

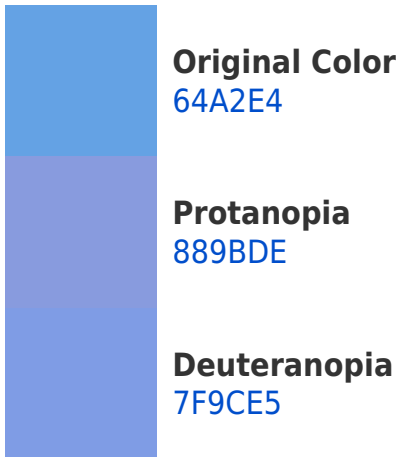


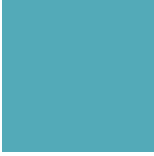
This preview shows how white text looks on a background with the Hex color 64A2E4.

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](#).

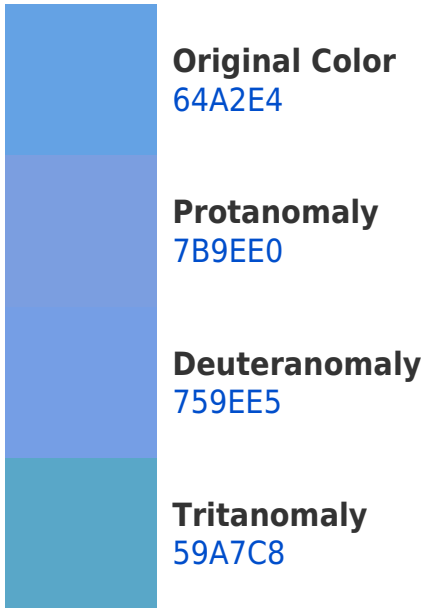
Dichromacy



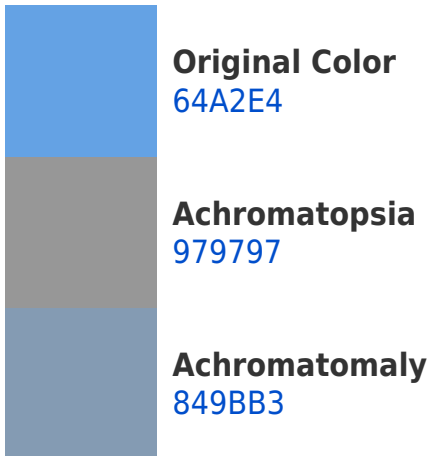


Tritanopia
53AAB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 64A2E4 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 #64A2E4 looks like.

```
.text, #text, p{  
    color:#64A2E4  
}
```

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 #64A2E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64A2E4
}
```

Border

The CSS property to change the border of an element to Hex 64A2E4 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
#64A2E4 }
```

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

```
.border{ border-color:#64A2E4 }
```

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

Here you see how a box with a 4 pixel #64A2E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64A2E4; -webkit-box-shadow:4px 4px  
4px 4px #64A2E4; box-shadow:4px 4px 4px  
4px #64A2E4 }
```

Background

The CSS property to change the background color of an element to Hex 64A2E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64A2E4 }
```

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

```
.background{ background-color:#64A2E4 }
```

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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