

Converting Colors

Hex(66A6E1)

Have a look what the booklet for
Hex(66A6E1) contains.

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Color

Hex(66A6E1)

Conversions

Conversions Part 1

Format	Color
Hex	66A6E1
RGB	102, 166, 225
RGB Percent	40%, 65%, 88%
CMY	0.6000, 0.3490, 0.1176
CMYK	0.55, 0.26, 0.00, 0.12
HSL	209°, 67%, 64%
HSV	209°, 55%, 88%
XYZ	32.7063, 35.5335, 76.3690
YIQ	153.5900, -57.0830, 4.7810

Conversions

Conversions Part 2

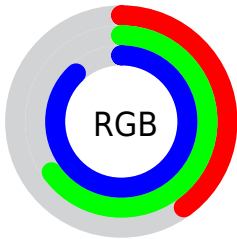
Format	Color
R _Y B	102, 144, 225
Decimal	6727393
CIE Lab	66.16, -3.77, -36.04
CIE LCh	66, 36.236, 264.028
Yxy	35.5335, 0.2262, 0.2457
Android (android.graphics.Color)	4284917473 (0xFF66A6E1)
YUV	153.5900, 35.2051, -45.2444
Hunter-Lab	59.6099, -6.3794, -34.2321

Details

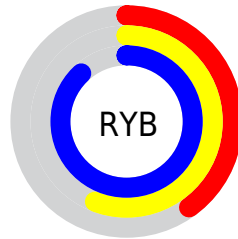
The Hex color **66A6E1** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E1A166**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **A0DDFF**, and **2572A9** is the 20% darker color. If you saturate the color by 10%, you get **509BE1**, and if you desaturate by 10%, it is **7DB1E1**.

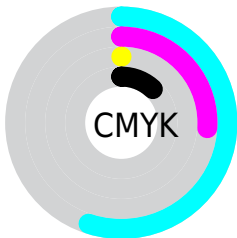
Distribution



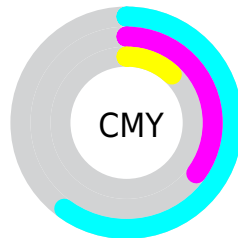
- Red (40%)
- Green (65%)
- Blue (88%)



- Red (40%)
- Yellow (56%)
- Blue (88%)



- Cyan (55%)
- Magenta (26%)
- Yellow (0%)
- Black (12%)



- Cyan (60%)
- Magenta (35%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66A6E1 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 66A6E1 by changing the saturation by 10% instead.

■ 66A6E1

■ 66A6E1

FFFFFF

■ 488CC5

■ A0DDFF

■ 2572A9

■ BDF9FF

■ 005A8F

■ DBFFFF

■ 004375

■ F9FFFF

■ 002D5C

■ 001944

■ 00032D

■ 000118

■ 000000

■ 66A6E1

■ 66A6E1

■ 509BE1

■ 7DB1E1

■ 3990E1

■ 93BCE1

■ 2386E1

■ AAC6E1

■ 0C7BE1

■ C0D1E1

■ 0075E1

■ D7DCE1

■ EDE7E1

■ FFF2E1

■ FFFCE1

■ FFFF E1

Harmonies

Analogous

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



2AAED5



66A6E1



9B9BDC

Triad

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



66A6E1



E08988



76AE7A

Complementary

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



66A6E1



E1A166

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.



9CA764



66A6E1



D4916D

Square

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



66A6E1



DB88A9



BC9D60



4AB299

Rectangle

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



66A6E1



B893D0



BC9D60



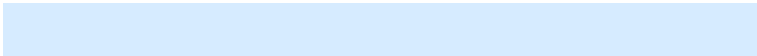
83AC71

Sweetspot

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



66A6E1



D6EBFF



66E19F



677480



000000



808080

Same Dimension

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



66A6E1



57AEFF



666AE1



656B70



005CB0



001930

Inverse Universe

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



E166A6



FF57AE



E1DD66



70656B



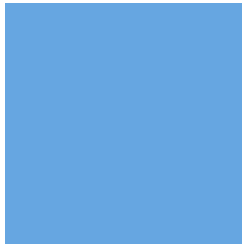
B0005C



300019

Previews

White Background



This preview shows how the Hex color 66A6E1 looks on a white background.

Color Contrast Check

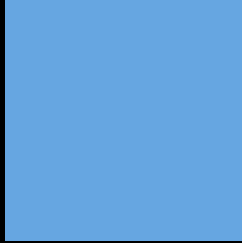
Large Text (above 18pt) WCAG AA × Fail

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 66A6E1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

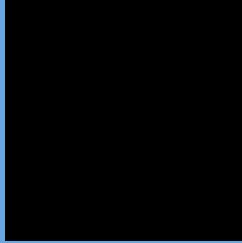
Any Text WCAG AA ✓ Pass

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 66A6E1 Background



This preview shows how black text looks on a background with the Hex color 66A6E1.

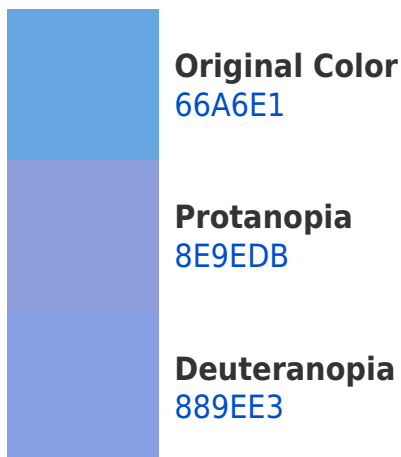


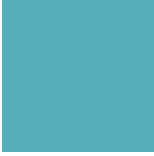
This preview shows how white text looks on a background with the Hex color 66A6E1.

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](#).

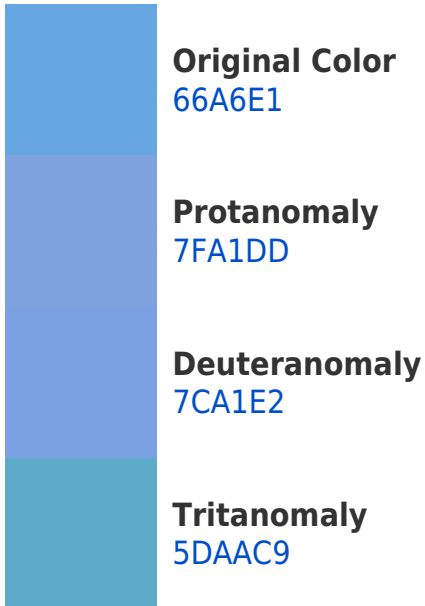
Dichromacy



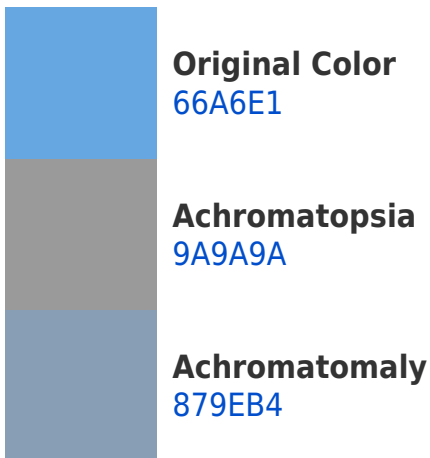


Tritanopia
58ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66A6E1 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 #66A6E1 looks like.

```
.text, #text, p{  
    color:#66A6E1  
}
```

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 #66A6E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A6E1
}
```

Border

The CSS property to change the border of an element to Hex 66A6E1 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
#66A6E1 }
```

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

```
.border{ border-color:#66A6E1 }
```

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

Here you see how a box with a 4 pixel #66A6E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A6E1; -webkit-box-shadow:4px 4px  
4px 4px #66A6E1; box-shadow:4px 4px 4px  
4px #66A6E1 }
```

Background

The CSS property to change the background color of an element to Hex 66A6E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A6E1 }
```

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

```
.background{ background-color:#66A6E1 }
```

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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