

Converting Colors

Hex(66A4E4)

Have a look what the booklet for
Hex(66A4E4) contains.

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Color

Hex(66A4E4)

Conversions

Conversions Part 1

Format	Color
Hex	66A4E4
RGB	102, 164, 228
RGB Percent	40%, 64%, 89%
CMY	0.6000, 0.3569, 0.1059
CMYK	0.55, 0.28, 0.00, 0.11
HSL	210°, 70%, 65%
HSV	210°, 55%, 89%
XYZ	32.7585, 34.9771, 78.4235
YIQ	152.7580, -57.4960, 6.7600

Conversions

Conversions Part 2

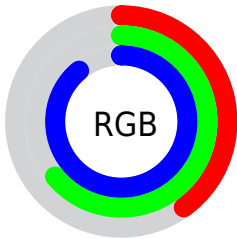
Format	Color
R_{YB}	102, 144, 228
Decimal	6726884
CIE _{Lab}	65.73, -1.73, -38.36
CIE _{LCh}	66, 38.401, 267.424
Yxy	34.9771, 0.2241, 0.2393
Android (android.graphics.Color)	4284916964 (0xFF66A4E4)
YUV	152.7580, 37.0943, -44.5148
Hunter-Lab	59.1415, -4.6262, -37.2214

Details

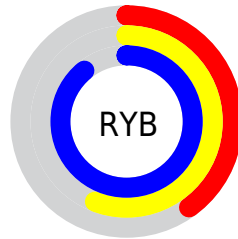
The Hex color **66A4E4** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E4A666**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **A0DBFF**, and **2471AC** is the 20% darker color. If you saturate the color by 10%, you get **4F98E4**, and if you desaturate by 10%, it is **7DB0E4**.

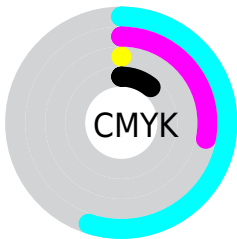
Distribution



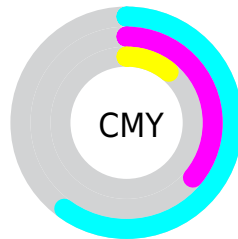
- Red (40%)
- Green (64%)
- Blue (89%)



- Red (40%)
- Yellow (56%)
- Blue (89%)



- Cyan (55%)
- Magenta (28%)
- Yellow (0%)
- Black (11%)



- Cyan (60%)
- Magenta (36%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 66A4E4 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 66A4E4 by changing the saturation by 10% instead.

■ 66A4E4

■ 66A4E4

FFFFFF

■ 488AC8

■ A0DBFF

■ 2471AC

■ BEF7FF

■ 005891

■ DBFFFF

■ 004177

■ F9FFFF

■ 002C5E

■ 001846

■ 00042F

■ 00011A

■ 000000

■ 66A4E4

■ 66A4E4

■ 4F98E4

■ 7DB0E4

■ 388DE4

■ 94BBE4

■ 2281E4

■ AAC7E4

■ 0B76E4

■ C1D2E4

■ 0070E4

■ D8DEE4

■ EFE9E4

■ FFF5E4

■ FFFFE4

Harmonies

Analogous

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



16ADD9



66A4E4



9F98DD

Triad

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



66A4E4



E18782



6CAE79

Complementary

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



66A4E4



E4A666

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.



95A761



66A4E4



D39167

Square

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



66A4E4



DF85A4



B99D5A



3AB29B

Rectangle

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



66A4E4



BC8FCF



B99D5A



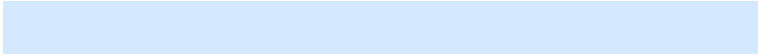
7BAC70

Sweetspot

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



66A4E4



D4E9FF



66E4A5



667380



000000



808080

Same Dimension

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



66A4E4



57AAFF



6666E4



676D73



0058B3



001933

Inverse Universe

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



E466A4



FF57AA



E4E466



73676D



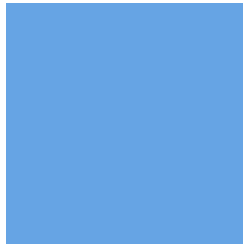
B30058



330019

Previews

White Background



This preview shows how the Hex color 66A4E4 looks on a white background.

Color Contrast Check

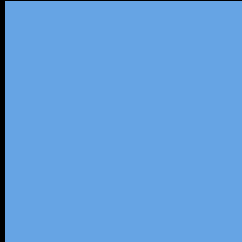
Large Text (above 18pt) WCAG AA × Fail

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 66A4E4 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

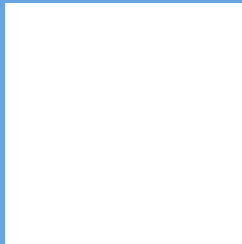
Any Text WCAG AAA ✓ Pass

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

Hex 66A4E4 Background



This preview shows how black text looks on a background with the Hex color 66A4E4.

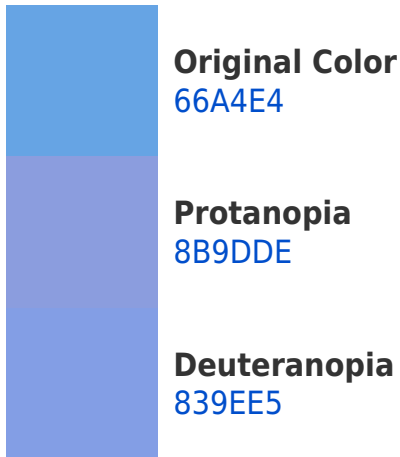


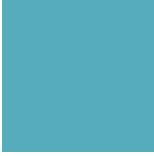
This preview shows how white text looks on a background with the Hex color 66A4E4.

Color Blindness Simulation

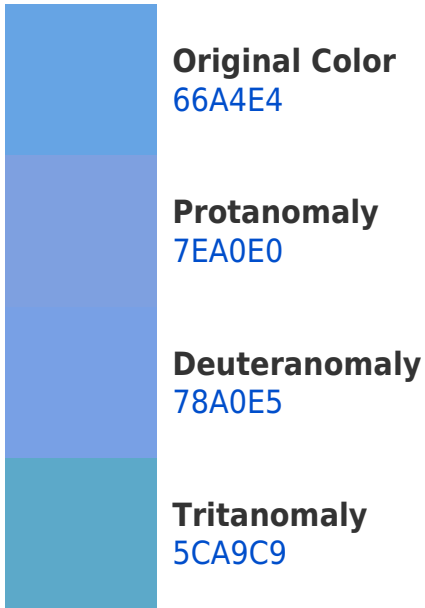
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

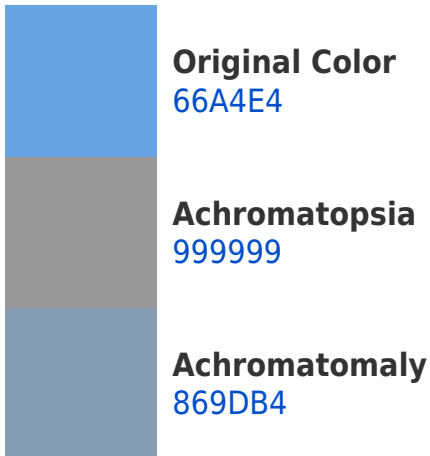




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 66A4E4 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 #66A4E4 looks like.

```
.text, #text, p{  
    color:#66A4E4  
}
```

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 #66A4E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #66A4E4
}
```

Border

The CSS property to change the border of an element to Hex 66A4E4 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
#66A4E4 }
```

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

```
.border{ border-color:#66A4E4 }
```

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

Here you see how a box with a 4 pixel #66A4E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #66A4E4; -webkit-box-shadow:4px 4px  
4px 4px #66A4E4; box-shadow:4px 4px 4px  
4px #66A4E4 }
```

Background

The CSS property to change the background color of an element to Hex 66A4E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#66A4E4 }
```

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

```
.background{ background-color:#66A4E4 }
```

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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