

Converting Colors

Hex(4586E6)

Have a look what the booklet for
Hex(4586E6) contains.

Hex(4586E6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4586E6)

Conversions

Conversions Part 1

Format	Color
Hex	4586E6
RGB	69, 134, 230
RGB Percent	27%, 53%, 90%
CMY	0.7294, 0.4745, 0.0980
CMYK	0.70, 0.42, 0.00, 0.10
HSL	216°, 76%, 59%
HSV	216°, 70%, 90%
XYZ	25.2623, 24.0286, 78.1694
YIQ	125.5090, -69.5560, 16.0760

Conversions

Conversions Part 2

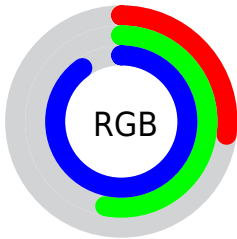
Format	Color
R _{YB}	69, 115, 230
Decimal	4556518
CIE _{Lab}	56.12, 10.63, -54.74
CIE _{LCh}	56, 55.767, 280.988
Y _{xy}	24.0286, 0.1982, 0.1885
Android (android.graphics.Color)	4282746598 (0xFF4586E6)
YUV	125.5090, 51.5141, -49.5584
Hunter-Lab	49.0189, 6.2081, -60.2352

Details

The Hex color **4586E6** is a dark color, and the websafe version is hex **6699FF**. The color can be described as middle muted azure. A complement of this color would be **E6A545**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **86BBFF**, and **0055AE** is the 20% darker color. If you saturate the color by 10%, you get **2E78E6**, and if you desaturate by 10%, it is **5C94E6**.

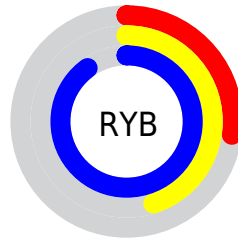
Distribution



Red (27%)

Green (53%)

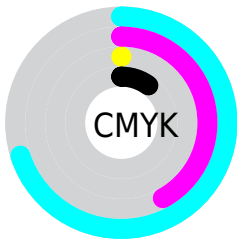
Blue (90%)



Red (27%)

Yellow (45%)

Blue (90%)

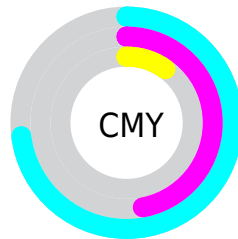


Cyan (70%)

Magenta (42%)

Yellow (0%)

Black (10%)



Cyan (73%)

Magenta (47%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4586E6 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 4586E6 by changing the saturation by 10% instead.

■ 4586E6

■ 4586E6

FFFFFF

■ 166DCA

■ 86BBFF

■ 0055AE

■ A5D6FF

■ 003F93

■ C3F3FF

■ 002A78

■ E1FFFF

■ 00175F

■ 000847

■ 00042F

■ 00011A

■ 000000

■ 4586E6

■ 4586E6

■ 2E78E6

■ 5C94E6

■ 176BE6

■ 73A1E6

■ 005DE6

■ 8AAFE6

■ A1BDE6

■ B8CBE6

■ CFD8E6

■ E6E6E6

■ FDF4E6

■ FFFFE6

Harmonies

Analogous

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



0094E2



4586E6



A072D0

Triad

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



4586E6



D56549



009C65

Complementary

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



4586E6



E6A545

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.



5A9538



4586E6



B97925

Square

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



4586E6



DF5977



8F8A1B



009E98

Rectangle

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



4586E6



C264B6



8F8A1B



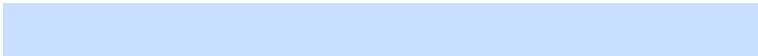
1C9A55

Sweetspot

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



4586E6



C9DFFF



45E6A3



606C80



000000



808080

Same Dimension

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



4586E6



297FFF



5245E6



676C73



0048B3



001533

Inverse Universe

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



E64586



FF297F



D9E645



73676C



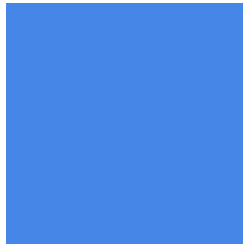
B30048



330015

Previews

White Background



This preview shows how the Hex color 4586E6 looks on a white background.

Color Contrast Check

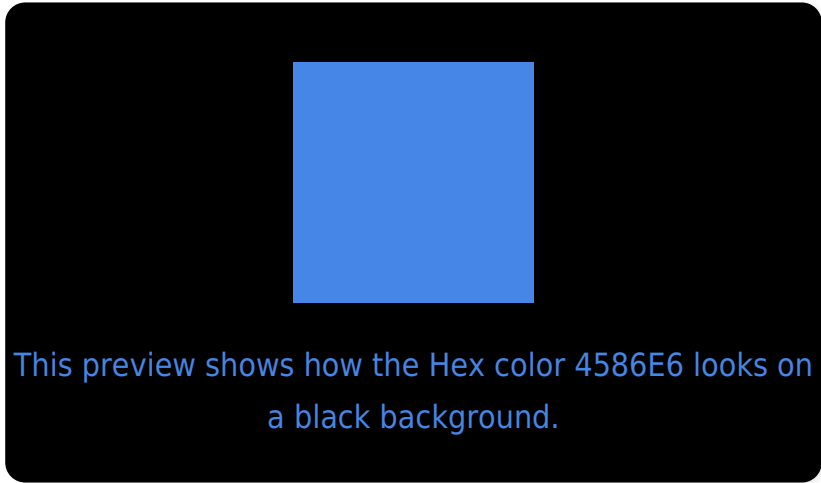
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

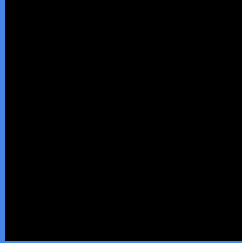
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

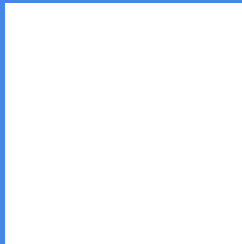
Any Text WCAG AAA × Fail

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

Hex 4586E6 Background



This preview shows how black text looks on a background with the Hex color 4586E6.



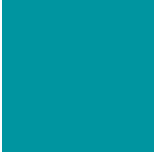
This preview shows how white text looks on a background with the Hex color 4586E6.

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
0095A0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4586E6 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 #4586E6 looks like.

```
.text, #text, p{  
    color:#4586E6  
}
```

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 #4586E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4586E6
}
```

Border

The CSS property to change the border of an element to Hex 4586E6 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
#4586E6 }
```

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

```
.border{ border-color:#4586E6 }
```

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

Here you see how a box with a 4 pixel #4586E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4586E6; -webkit-box-shadow:4px 4px  
4px 4px #4586E6; box-shadow:4px 4px 4px  
4px #4586E6 }
```

Background

The CSS property to change the background color of an element to Hex 4586E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4586E6 }
```

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

```
.background{ background-color:#4586E6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor