

Converting Colors

Hex(5596E6)

Have a look what the booklet for
Hex(5596E6) contains.

Hex(5596E6)	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(5596E6)

Conversions

Conversions Part 1

Format	Color
Hex	5596E6
RGB	85, 150, 230
RGB Percent	33%, 59%, 90%
CMY	0.6667, 0.4118, 0.0980
CMYK	0.63, 0.35, 0.00, 0.10
HSL	213°, 74%, 62%
HSV	213°, 63%, 90%
XYZ	28.9356, 29.4572, 79.0236
YIQ	139.6850, -64.4200, 11.1000

Conversions

Conversions Part 2

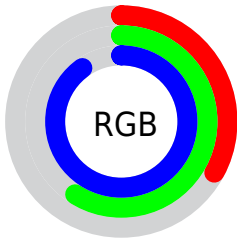
Format	Color
R _Y B	85, 130, 230
Decimal	5609190
CIE Lab	61.18, 3.67, -46.66
CIE LCh	61, 46.804, 274.500
Yxy	29.4572, 0.2106, 0.2144
Android (android.graphics.Color)	4283799270 (0xFF5596E6)
YUV	139.6850, 44.5253, -47.9587
Hunter-Lab	54.2744, 0.1842, -48.3342

Details

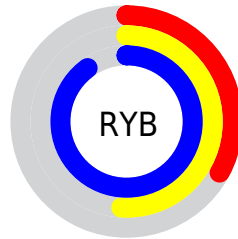
The Hex color **5596E6** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **E6A555**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **92CCFF**, and **0064AE** is the 20% darker color. If you saturate the color by 10%, you get **3E89E6**, and if you desaturate by 10%, it is **6CA3E6**.

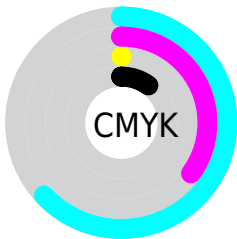
Distribution



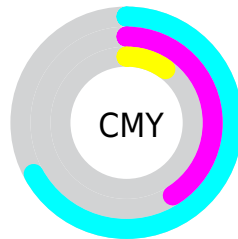
- Red (33%)
- Green (59%)
- Blue (90%)



- Red (33%)
- Yellow (51%)
- Blue (90%)



- Cyan (63%)
- Magenta (35%)
- Yellow (0%)
- Black (10%)



- Cyan (67%)
- Magenta (41%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5596E6 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 5596E6 by changing the saturation by 10% instead.

■ 5596E6

■ 5596E6

FFFFFF

■ 327CCA

■ 92CCFF

■ 0064AE

■ B0E8FF

■ 004C93

■ CEFFFF

■ 003679

■ ECFFFF

■ 002260

■ 000A47

■ 000430

■ 00011A

■ 000000

■ 5596E6

■ 5596E6

■ 3E89E6

■ 6CA3E6

■ 277DE6

■ 83AFE6

■ 1070E6

■ 9ABCE6

■ 0067E6

■ B1C9E6

■ C8D5E6

■ DFE2E6

■ F6EFE6

■ FFFCE6

■ FFFFE6

Harmonies

Analogous

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



00A1DE



5596E6



9F86D8

Triad

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



5596E6



DD7667



41A66F

Complementary

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



5596E6



E6A555

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.



7B9F4D



5596E6



C88549

Square

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



5596E6



E0708F



A6933E



00A999

Rectangle

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



5596E6



BF7CC4



A6933E



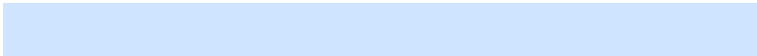
58A462

Sweetspot

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



5596E6



CFE4FF



55E6A5



626F80



000000



808080

Same Dimension

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



5596E6



3D94FF



5C55E6



676C73



0050B3



001733

Inverse Universe

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



E65596



FF3D94



DFE655



73676C



B30050



330017

Previews

White Background



This preview shows how the Hex color 5596E6 looks on a white background.

Color Contrast Check

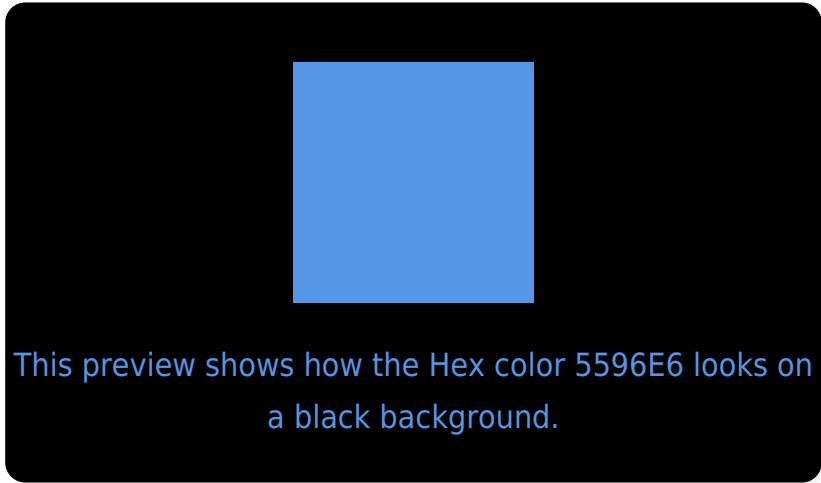
Large Text (above 18pt) WCAG AA ✓ Pass

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

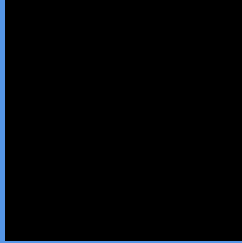
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

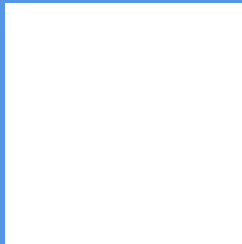
Any Text WCAG AAA × Fail

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

Hex 5596E6 Background



This preview shows how black text looks on a background with the Hex color 5596E6.



This preview shows how white text looks on a background with the Hex color 5596E6.

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](#).

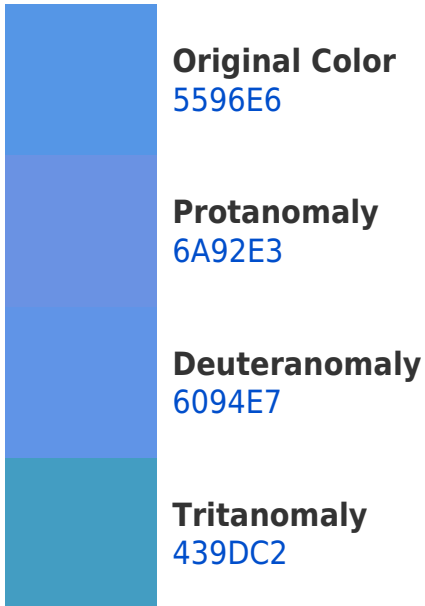
Dichromacy



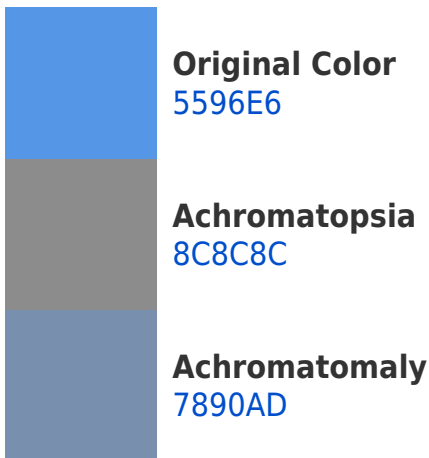


Tritanopia
38A1AE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5596E6 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 #5596E6 looks like.

```
.text, #text, p{  
    color:#5596E6  
}
```

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 #5596E6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5596E6
}
```

Border

The CSS property to change the border of an element to Hex 5596E6 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
#5596E6 }
```

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

```
.border{ border-color:#5596E6 }
```

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

Here you see how a box with a 4 pixel #5596E6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5596E6; -webkit-box-shadow:4px 4px  
4px 4px #5596E6; box-shadow:4px 4px 4px  
4px #5596E6 }
```

Background

The CSS property to change the background color of an element to Hex 5596E6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5596E6 }
```

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

```
.background{ background-color:#5596E6 }
```

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