

Converting Colors

Hex(6593E3)

Have a look what the booklet for
Hex(6593E3) contains.

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Color

Hex(6593E3)

Conversions

Conversions Part 1

Format	Color
Hex	6593E3
RGB	101, 147, 227
RGB Percent	40%, 58%, 89%
CMY	0.6039, 0.4235, 0.1098
CMYK	0.56, 0.35, 0.00, 0.11
HSL	218°, 69%, 64%
HSV	218°, 56%, 89%
XYZ	29.6657, 29.1802, 76.7418
YIQ	142.3660, -53.0960, 15.1280

Conversions

Conversions Part 2

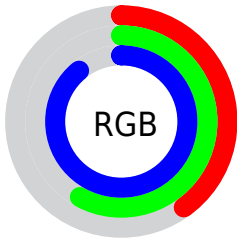
Format	Color
RYB	101, 135, 227
Decimal	6656995
CIELab	60.94, 7.52, -45.33
CIELCh	61, 45.951, 279.424
Yxy	29.1802, 0.2188, 0.2152
Android (android.graphics.Color)	4284847075 (0xFF6593E3)
YUV	142.3660, 41.7246, -36.2780
Hunter-Lab	54.0187, 3.4949, -46.4175

Details

The Hex color **6593E3** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **E3B565**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **9FC9FF**, and **2361AB** is the 20% darker color. If you saturate the color by 10%, you get **4E85E3**, and if you desaturate by 10%, it is **7CA1E3**.

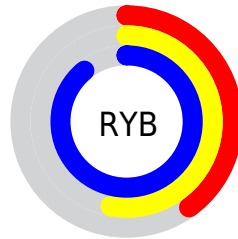
Distribution



Red (40%)

Green (58%)

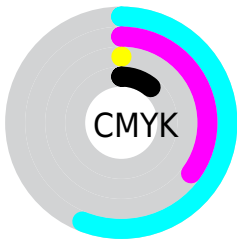
Blue (89%)



Red (40%)

Yellow (53%)

Blue (89%)

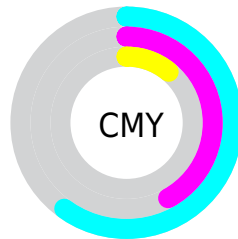


Cyan (56%)

Magenta (35%)

Yellow (0%)

Black (11%)



Cyan (60%)

Magenta (42%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6593E3 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 6593E3 by changing the saturation by 10% instead.

■ 6593E3

■ 6593E3

FFFFFF

■ 4779C7

■ 9FC9FF

■ 2361AB

■ BDE5FF

■ 004A90

■ DAFFFF

■ 003476

■ F8FFFF

■ 001F5D

■ 000545

■ 00042E

■ 000118

■ 000000

■ 6593E3

■ 6593E3

■ 4E85E3

■ 7CA1E3

■ 3876E3

■ 92B0E3

■ 2168E3

■ A9BEE3

■ 0A59E3

■ C0CDE3

■ 0053E3

■ D7DBE3

■ EDE9E3

■ FFF8E3

■ FFFF E3

Harmonies

Analogous

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



009FDE



6593E3



A783D2

Triad

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



6593E3



D97861



36A675

Complementary

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



6593E3



E3B565

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.



739F52



6593E3



C28746

Square

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



6593E3



DF7188



9F9540



00A89F

Rectangle

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



6593E3



C479BD



9F9540



4EA468

Sweetspot

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



6593E3



D4E3FF



65E3B5



666F80



000000



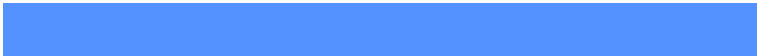
808080

Same Dimension

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



6593E3



5493FF



7665E3



676B73



0041B3



001333

Inverse Universe

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



E36593



FF5493



D2E365



73676B



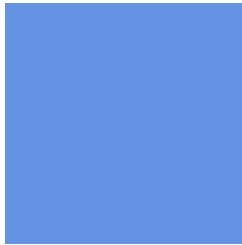
B30041



330013

Previews

White Background



This preview shows how the Hex color 6593E3 looks on a white background.

Color Contrast Check

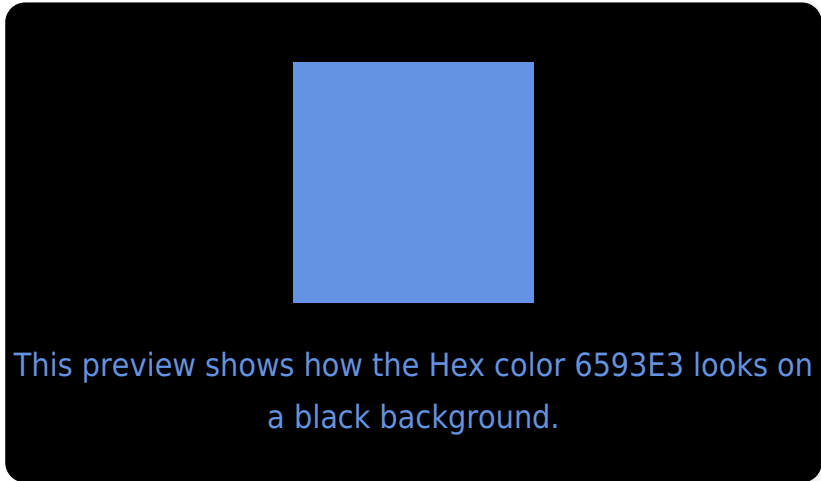
Large Text (above 18pt) WCAG AA ✓ Pass

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

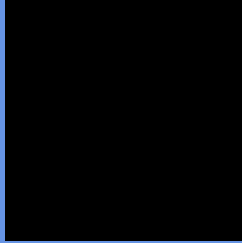
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

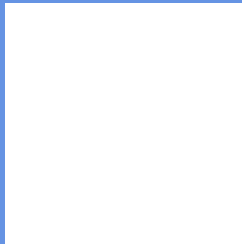
Any Text WCAG AAA × Fail

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

Hex 6593E3 Background



This preview shows how black text looks on a background with the Hex color 6593E3.



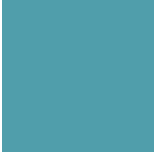
This preview shows how white text looks on a background with the Hex color 6593E3.

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](#).

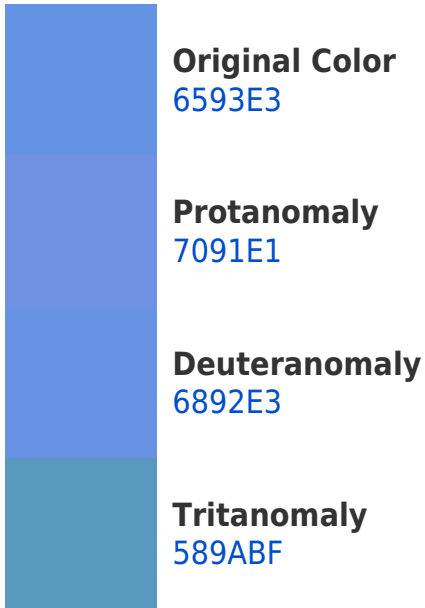
Dichromacy



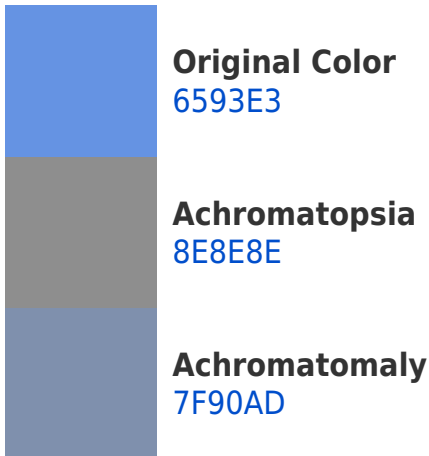


Tritanopia
509EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6593E3 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 #6593E3 looks like.

```
.text, #text, p{  
    color:#6593E3  
}
```

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 #6593E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6593E3
}
```

Border

The CSS property to change the border of an element to Hex 6593E3 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
#6593E3 }
```

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

```
.border{ border-color:#6593E3 }
```

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

Here you see how a box with a 4 pixel #6593E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6593E3; -webkit-box-shadow:4px 4px  
4px 4px #6593E3; box-shadow:4px 4px 4px  
4px #6593E3 }
```

Background

The CSS property to change the background color of an element to Hex 6593E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6593E3 }
```

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

```
.background{ background-color:#6593E3 }
```

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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