

Converting Colors

Hex(7583E3)

Have a look what the booklet for
Hex(7583E3) contains.

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Color

Hex(7583E3)

Conversions

Conversions Part 1

Format	Color
Hex	7583E3
RGB	117, 131, 227
RGB Percent	46%, 51%, 89%
CMY	0.5412, 0.4863, 0.1098
CMYK	0.48, 0.42, 0.00, 0.11
HSL	232°, 66%, 67%
HSV	232°, 48%, 89%
XYZ	29.3175, 25.5606, 76.0615
YIQ	137.7580, -39.1600, 26.8880

Conversions

Conversions Part 2

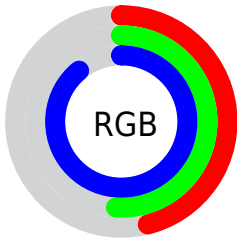
Format	Color
R _Y B	117, 129, 227
Decimal	7701475
CIE Lab	57.62, 20.51, -50.53
CIE LCh	58, 54.538, 292.095
Yxy	25.5606, 0.2239, 0.1952
Android (android.graphics.Color)	4285891555 (0xFF7583E3)
YUV	137.7580, 43.9963, -18.2048
Hunter-Lab	50.5575, 15.0341, -53.8091

Details

The Hex color **7583E3** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E3D575**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **AEB8FF**, and **3A52AB** is the 20% darker color. If you saturate the color by 10%, you get **5E6FE3**, and if you desaturate by 10%, it is **8C97E3**.

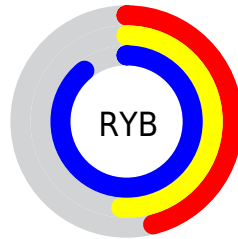
Distribution



Red (46%)

Green (51%)

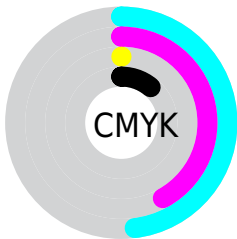
Blue (89%)



Red (46%)

Yellow (51%)

Blue (89%)

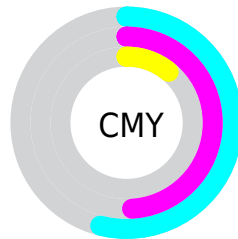


Cyan (48%)

Magenta (42%)

Yellow (0%)

Black (11%)



Cyan (54%)

Magenta (49%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7583E3 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 7583E3 by changing the saturation by 10% instead.

 7583E3

 7583E3

FFFFFF

 586AC7

 AEB8FF

 3A52AB

 CBD3FF

 143B90

 E9F0FF

 002676

 00135D

 000044

 00032D

 000117

 000000

 7583E3


 7583E3

 5E6FE3

 8C97E3

 485BE3

 A2ABE3

 3148E3

 B9BEE3

 1A34E3

 D0D2E3

 0320E3

 E7E6E3

 001DE3

 FDFAE3

 FFFFE3

Harmonies

Analogous

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



0093E9



7583E3



B86FC6

Triad

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



7583E3



D07140



00A17C

Complementary

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



7583E3



E3D575

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.



459C4D



7583E3



AE8425

Square

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



7583E3



E16169



81922A



00A1AD

Rectangle

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



7583E3



D263A9



81922A



00A06B

Sweetspot

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



7583E3



D9DEFF



75E3D4



696B80



000000



808080

Same Dimension

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



7583E3



6B7EFF



9D75E3



676973



0017B3



000633

Inverse Universe

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



E37583



FF6B7E



BBE375



736769



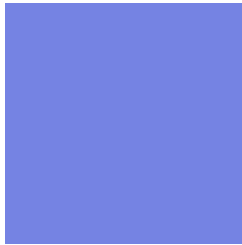
B30017



330006

Previews

White Background



This preview shows how the Hex color 7583E3 looks on a white background.

Color Contrast Check

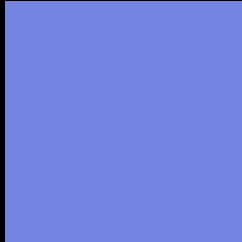
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 7583E3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

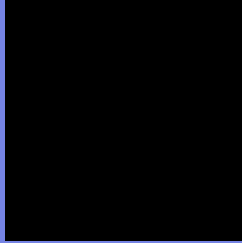
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 7583E3 Background



This preview shows how black text looks on a background with the Hex color 7583E3.



This preview shows how white text looks on a background with the Hex color 7583E3.

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](#).

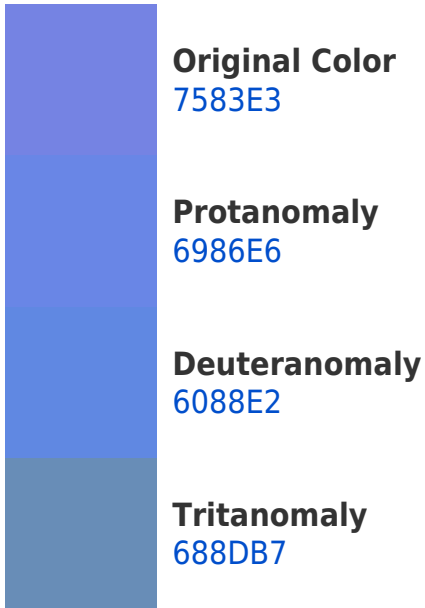
Dichromacy



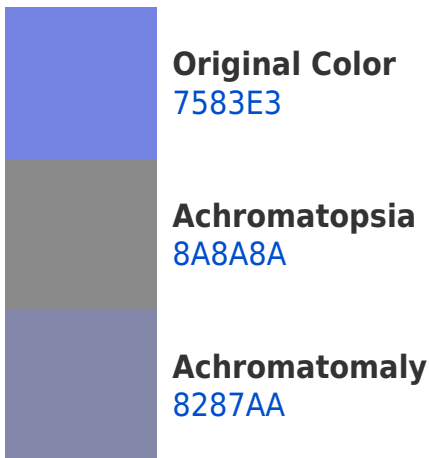


Tritanopia
60929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7583E3 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 #7583E3 looks like.

```
.text, #text, p{  
    color:#7583E3  
}
```

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 #7583E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7583E3
}
```

Border

The CSS property to change the border of an element to Hex 7583E3 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
#7583E3 }
```

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

```
.border{ border-color:#7583E3 }
```

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

Here you see how a box with a 4 pixel #7583E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7583E3; -webkit-box-shadow:4px 4px  
4px 4px #7583E3; box-shadow:4px 4px 4px  
4px #7583E3 }
```

Background

The CSS property to change the background color of an element to Hex 7583E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7583E3 }
```

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

```
.background{ background-color:#7583E3 }
```

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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