

Converting Colors

Hex(629EE3)

Have a look what the booklet for
Hex(629EE3) contains.

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Color

Hex(629EE3)

Conversions

Conversions Part 1

Format	Color
Hex	629EE3
RGB	98, 158, 227
RGB Percent	38%, 62%, 89%
CMY	0.6157, 0.3804, 0.1098
CMYK	0.57, 0.30, 0.00, 0.11
HSL	212°, 70%, 64%
HSV	212°, 57%, 89%
XYZ	31.1290, 32.5964, 77.3241
YIQ	147.9260, -57.9090, 8.7390

Conversions

Conversions Part 2

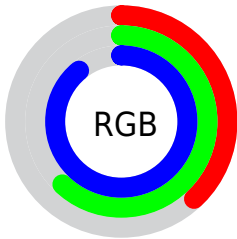
Format	Color
R _Y B	98, 139, 227
Decimal	6463203
CIE Lab	63.83, 0.54, -40.79
CIE LCh	64, 40.797, 270.763
Yxy	32.5964, 0.2207, 0.2311
Android (android.graphics.Color)	4284653283 (0xFF629EE3)
YUV	147.9260, 38.9835, -43.7851
Hunter-Lab	57.0933, -2.5897, -40.3339

Details

The Hex color **629EE3** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **E3A762**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **9DD4FF**, and **1D6BAB** is the 20% darker color. If you saturate the color by 10%, you get **4B92E3**, and if you desaturate by 10%, it is **79AAE3**.

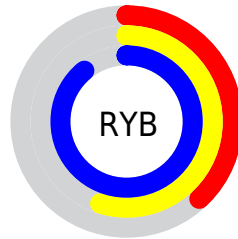
Distribution



Red (38%)

Green (62%)

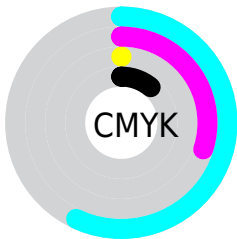
Blue (89%)



Red (38%)

Yellow (55%)

Blue (89%)

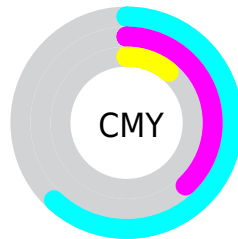


Cyan (57%)

Magenta (30%)

Yellow (0%)

Black (11%)



Cyan (62%)

Magenta (38%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 629EE3 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 629EE3 by changing the saturation by 10% instead.

■ 629EE3

■ 629EE3

FFFFFF

■ 4384C7

■ 9DD4FF

■ 1D6BAB

■ BAF1FF

■ 005390

■ D8FFFF

■ 003C76

■ F6FFFF

■ 00275D

■ 001345

■ 00042E

■ 000119

■ 000000

■ 629EE3

■ 629EE3

■ 4B92E3

■ 79AAE3

■ 3586E3

■ 8FB6E3

■ 1E7AE3

■ A6C2E3

■ 076DE3

■ BDCFE3

■ 006AE3

■ D3DBE3

■ EAE7E3

■ FFF3E3

■ FFFF3E3

Harmonies

Analogous

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



00A8D9



629EE3



9F91D9

Triad

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



629EE3



DE8177



5EAA76

Complementary

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



629EE3



E3A762

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.



8BA35A



629EE3



CE8C5C

Square

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



629EE3



DE7D9B



B09951



15AE9A

Rectangle

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



629EE3



BD88C9



B09951



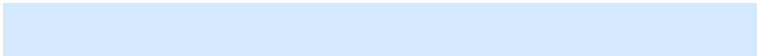
6EA96B

Sweetspot

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



629EE3



D4E8FF



62E3A7



667280



000000



808080

Same Dimension

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



629EE3



52A2FF



6662E3



676D73



0053B3



001833

Inverse Universe

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



E3629E



FF52A2



DFE362



73676D



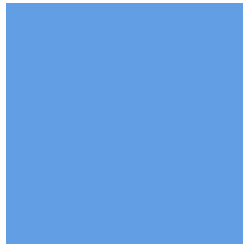
B30053



330018

Previews

White Background



This preview shows how the Hex color 629EE3 looks on a white background.

Color Contrast Check

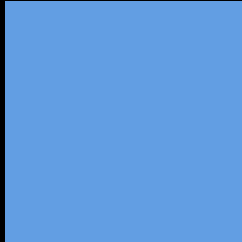
Large Text (above 18pt) WCAG AA × Fail

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 629EE3 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 629EE3 Background



This preview shows how black text looks on a background with the Hex color 629EE3.



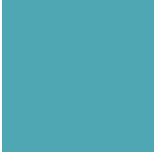
This preview shows how white text looks on a background with the Hex color 629EE3.

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](#).

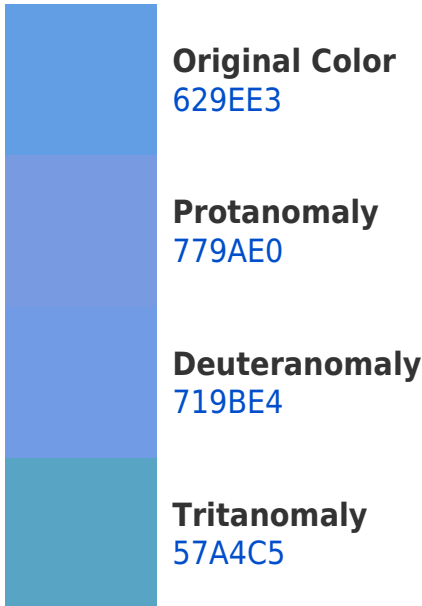
Dichromacy





Tritanopia
50A7B4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 629EE3 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 #629EE3 looks like.

```
.text, #text, p{  
    color:#629EE3  
}
```

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 #629EE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #629EE3
}
```

Border

The CSS property to change the border of an element to Hex 629EE3 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
#629EE3 }
```

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

```
.border{ border-color:#629EE3 }
```

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

Here you see how a box with a 4 pixel #629EE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #629EE3; -webkit-box-shadow:4px 4px  
4px 4px #629EE3; box-shadow:4px 4px 4px  
4px #629EE3 }
```

Background

The CSS property to change the background color of an element to Hex 629EE3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#629EE3 }
```

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

```
.background{ background-color:#629EE3 }
```

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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