

Converting Colors

Hex(6190ED)

Have a look what the booklet for
Hex(6190ED) contains.

Hex(6190ED)	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(6190ED)

Conversions

Conversions Part 1

Format	Color
Hex	6190ED
RGB	97, 144, 237
RGB Percent	38%, 56%, 93%
CMY	0.6196, 0.4353, 0.0706
CMYK	0.59, 0.39, 0.00, 0.07
HSL	220°, 80%, 65%
HSV	220°, 59%, 93%
XYZ	30.1891, 28.6023, 84.0504
YIQ	140.5490, -57.8650, 18.9590

Conversions

Conversions Part 2

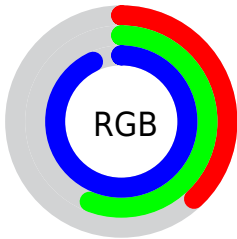
Format	Color
R_{YB}	97, 132, 237
Decimal	6394093
CIE _{Lab}	60.43, 11.71, -51.69
CIE _{LCh}	60, 53.002, 282.765
Yxy	28.6023, 0.2113, 0.2002
Android (android.graphics.Color)	4284584173 (0xFF6190ED)
YUV	140.5490, 47.5503, -38.1925
Hunter-Lab	53.4811, 7.1678, -55.7428

Details

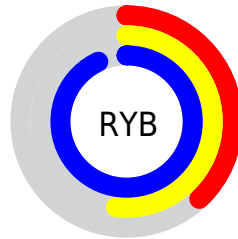
The Hex color **6190ED** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EDBE61**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **9DC5FF**, and **145EB5** is the 20% darker color. If you saturate the color by 10%, you get **4980ED**, and if you desaturate by 10%, it is **79A0ED**.

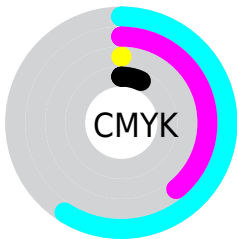
Distribution



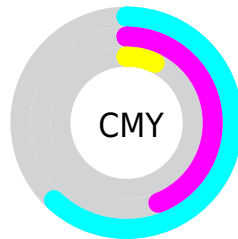
- Red (38%)
- Green (56%)
- Blue (93%)



- Red (38%)
- Yellow (52%)
- Blue (93%)



- Cyan (59%)
- Magenta (39%)
- Yellow (0%)
- Black (7%)



- Cyan (62%)
- Magenta (44%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6190ED 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 6190ED by changing the saturation by 10% instead.

 6190ED

 6190ED

FFFFFF

 4077D0

 9DC5FF

 145EB5

 BBE1FF

 004799

 D9FEFF

 00317F

 F7FFFF

 001E65

 00024D

 000535

 00021F

 000002

■ 6190ED

■ 6190ED

■ 4980ED

■ 79A0ED

■ 3271ED

■ 90AFED

■ 1A61ED

■ A8BFED

■ 0251ED

■ C0CFED

■ 0050ED

■ D7DFED

■ EFEEED

■ FFFEED

■ FFFFED

Harmonies

Analogous

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



009EEB



6190ED



AE7DD7

Triad

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



6190ED



DE7454



00A774

Complementary

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



6190ED



EDBE61

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.



64A14A



6190ED



C28635

Square

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



6190ED



E86880



989630



00A9A5

Rectangle

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



6190ED



CE71BD



989630



31A565

Sweetspot

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



6190ED



D1E1FF



61EDBC



636D80



000000



808080

Same Dimension

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



6190ED



4A87FF



7661ED



6A6E75



003DB5



001236

Inverse Universe

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



ED6190



FF4A87



D8ED61



756A6E



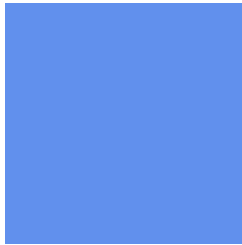
B5003D



360012

Previews

White Background



This preview shows how the Hex color 6190ED looks on a white background.

Color Contrast Check

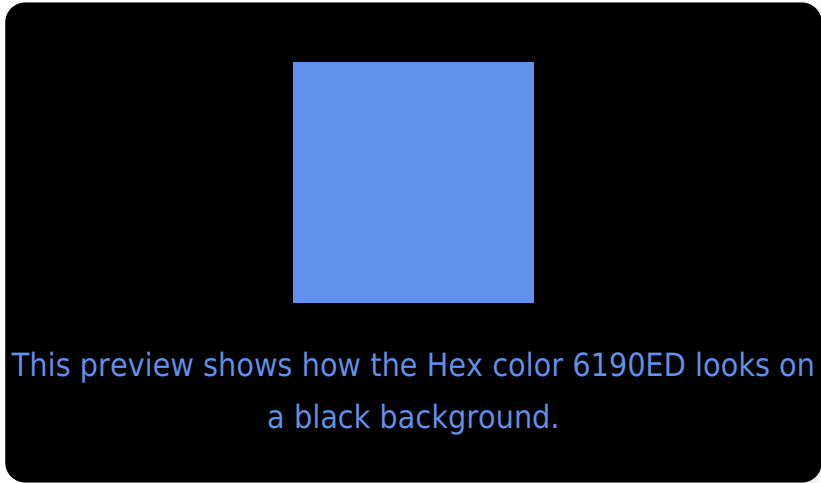
Large Text (above 18pt) WCAG AA ✓ Pass

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

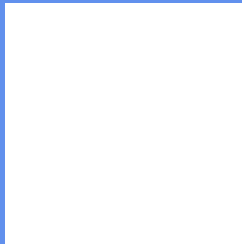
Any Text WCAG AAA × Fail

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

Hex 6190ED Background



This preview shows how black text looks on a background with the Hex color 6190ED.

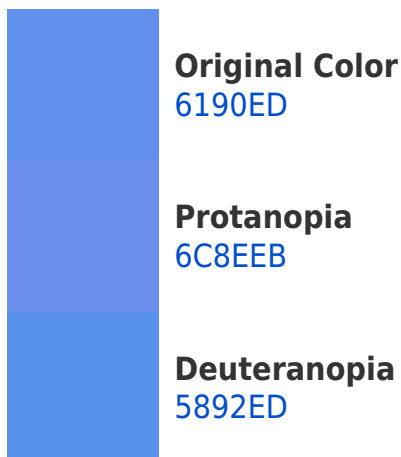


This preview shows how white text looks on a background with the Hex color 6190ED.

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](#).

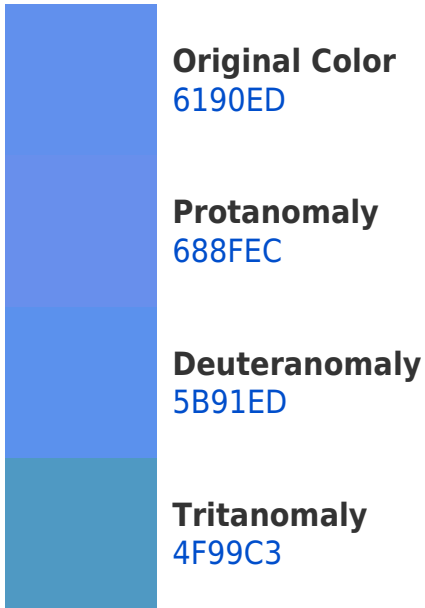
Dichromacy



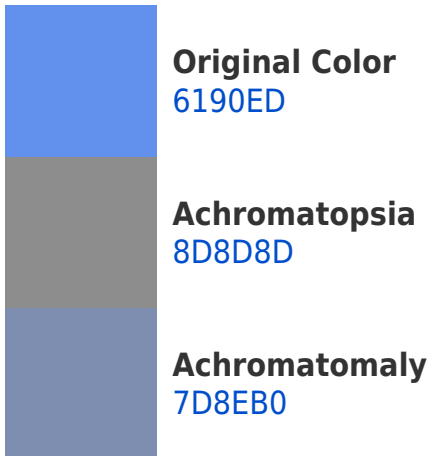


Tritanopia
449EAB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6190ED 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 #6190ED looks like.

```
.text, #text, p{  
    color:#6190ED  
}
```

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 #6190ED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6190ED
}
```

Border

The CSS property to change the border of an element to Hex 6190ED 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
#6190ED }
```

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

```
.border{ border-color:#6190ED }
```

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

Here you see how a box with a 4 pixel #6190ED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6190ED; -webkit-box-shadow:4px 4px  
4px 4px #6190ED; box-shadow:4px 4px 4px  
4px #6190ED }
```

Background

The CSS property to change the background color of an element to Hex 6190ED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6190ED }
```

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

```
.background{ background-color:#6190ED }
```

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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