

Converting Colors

Hex(6396EE)

Have a look what the booklet for
Hex(6396EE) contains.

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Color

Hex(6396EE)

Conversions

Conversions Part 1

Format	Color
Hex	6396EE
RGB	99, 150, 238
RGB Percent	39%, 59%, 93%
CMY	0.6118, 0.4118, 0.0667
CMYK	0.58, 0.37, 0.00, 0.07
HSL	218°, 80%, 66%
HSV	218°, 58%, 93%
XYZ	31.4846, 30.6384, 85.1433
YIQ	144.7830, -58.6440, 16.5560

Conversions

Conversions Part 2

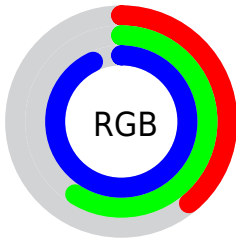
Format	Color
R _Y B	99, 136, 238
Decimal	6526702
CIE Lab	62.20, 8.88, -49.43
CIE LCh	62, 50.221, 280.189
Yxy	30.6384, 0.2138, 0.2080
Android (android.graphics.Color)	4284716782 (0xFF6396EE)
YUV	144.7830, 45.9560, -40.1517
Hunter-Lab	55.3520, 4.6660, -52.4545

Details

The Hex color **6396EE** is a light color, and the websafe version is hex **6699FF**. A complement of this color would be **EEBB63**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **9FCCFF**, and **1964B6** is the 20% darker color. If you saturate the color by 10%, you get **4B87EE**, and if you desaturate by 10%, it is **7BA5EE**.

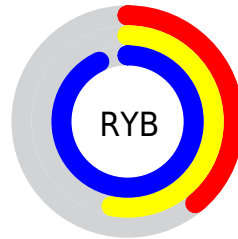
Distribution



Red (39%)

Green (59%)

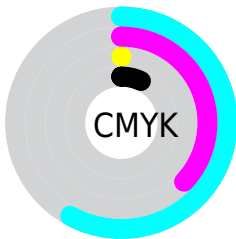
Blue (93%)



Red (39%)

Yellow (53%)

Blue (93%)

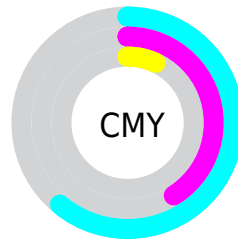


Cyan (58%)

Magenta (37%)

Yellow (0%)

Black (7%)



Cyan (61%)

Magenta (41%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6396EE 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 6396EE by changing the saturation by 10% instead.

 6396EE

 6396EE

FFFFFF

 437CD1

 9FCCFF

 1964B6

 BDE8FF

 004C9A

 DAFFFF

 003680

 F9FFFF

 002266

 000B4E

 000536

 000220

 000004

■ 6396EE

■ 6396EE

■ 4B87EE

■ 7BA5EE

■ 3378EE

■ 93B4EE

■ 1C69EE

■ AAC3EE

■ 045AEE

■ C2D2EE

■ 0057EE

■ DAE1EE

■ F2F0EE

■ FFFFEE

Harmonies

Analogous

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



00A3EA



6396EE



AD84DB

Triad

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



6396EE



E2795F



24AA77

Complementary

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



6396EE



EEBB63

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.



71A44F



6396EE



C88941

Square

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



6396EE



E97089



A1993A



00ADA5

Rectangle

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



6396EE



CD79C3



A1993A



46A968

Sweetspot

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



6396EE



D1E2FF



63EEB9



636E80



000000



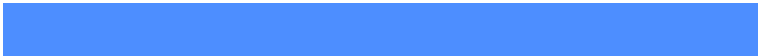
808080

Same Dimension

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



6396EE



4D8EFF



7363EE



6C7078



0043B8



001538

Inverse Universe

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



EE6396



FF4D8E



DEEE63



786C70



B80043



380015

Previews

White Background



This preview shows how the Hex color 6396EE looks on a white background.

Color Contrast Check

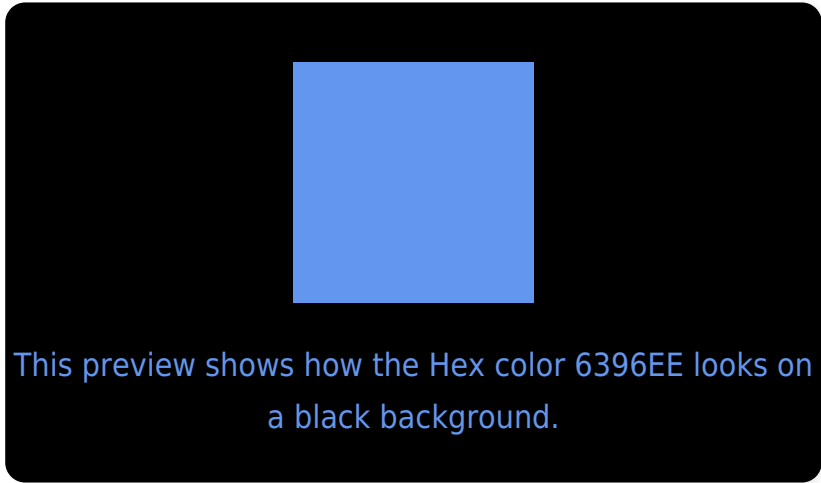
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

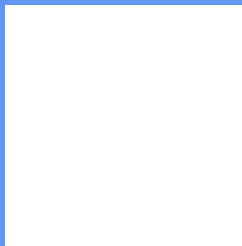
Any Text WCAG AAA ✓ Pass

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

Hex 6396EE Background



This preview shows how black text looks on a background with the Hex color 6396EE.



This preview shows how white text looks on a background with the Hex color 6396EE.

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](#).

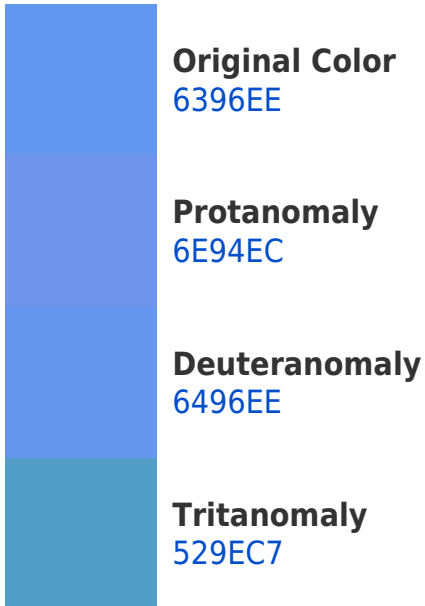
Dichromacy



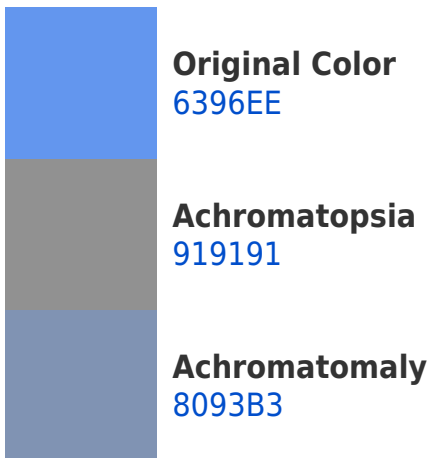


Tritanopia
49A3B0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6396EE 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 #6396EE looks like.

```
.text, #text, p{  
    color:#6396EE  
}
```

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 #6396EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6396EE
}
```

Border

The CSS property to change the border of an element to Hex 6396EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

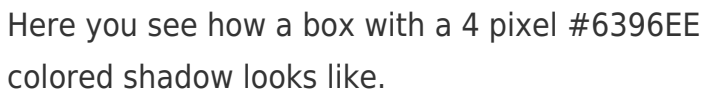
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6396EE }
```

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

```
.border{ border-color:#6396EE }
```

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



Here you see how a box with a 4 pixel #6396EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6396EE; -webkit-box-shadow:4px 4px  
4px 4px #6396EE; box-shadow:4px 4px 4px  
4px #6396EE }
```

Background

The CSS property to change the background color of an element to Hex 6396EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6396EE }
```

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

```
.background{ background-color:#6396EE }
```

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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