

Converting Colors

Hex(6539E3)

Have a look what the booklet for
Hex(6539E3) contains.

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Color

Hex(6539E3)

Conversions

Conversions Part 1

Format	Color
Hex	6539E3
RGB	101, 57, 227
RGB Percent	40%, 22%, 89%
CMY	0.6039, 0.7765, 0.1098
CMYK	0.56, 0.75, 0.00, 0.11
HSL	256°, 75%, 56%
HSV	256°, 75%, 89%
XYZ	20.6951, 11.2390, 73.7516
YIQ	89.5360, -28.3460, 62.1980

Conversions

Conversions Part 2

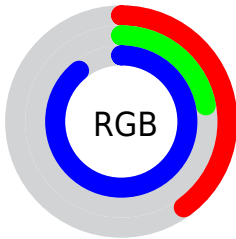
Format	Color
R_{YB}	101, 57, 227
Decimal	6633955
CIE _{Lab}	39.98, 59.51, -79.13
CIE _{LCh}	40, 99.006, 306.945
Yxy	11.2390, 0.1958, 0.1063
Android (android.graphics.Color)	4284824035 (0xFF6539E3)
YUV	89.5360, 67.7698, 10.0539
Hunter-Lab	33.5246, 51.5217, -106.9663

Details

The Hex color **6539E3** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **B7E339**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **A36DFF**, and **1300AA** is the 20% darker color. If you saturate the color by 10%, you get **5422E3**, and if you desaturate by 10%, it is **7650E3**.

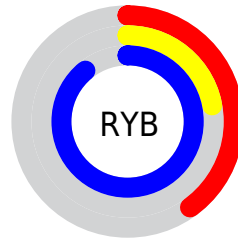
Distribution



Red (40%)

Green (22%)

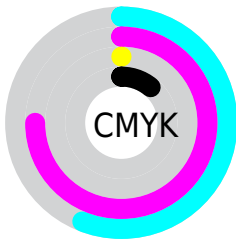
Blue (89%)



Red (40%)

Yellow (22%)

Blue (89%)

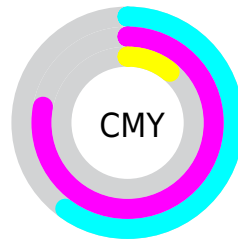


Cyan (56%)

Magenta (75%)

Yellow (0%)

Black (11%)



Cyan (60%)

Magenta (78%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6539E3 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 6539E3 by changing the saturation by 10% instead.

6539E3

6539E3

FFFFFF

431EC6

A36DFF

1300AA

C287FF

00008F

E0A3FF

000074

FFBEFF

00015A

FFDBFF

000742

FFF8FF

00032B

000115

000000

■ 6539E3

■ 6539E3

■ 5422E3

■ 7650E3

■ 430CE3

■ 8766E3

■ 3B00E3

■ 977DE3

■ A894E3

■ B9ABE3

■ CAC1E3

■ DBD8E3

■ ECFE3

■ FCFFE3

Harmonies

Analogous

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



0066FF



6539E3



C6009F

Triad

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



6539E3



A33F00



007B70

Complementary

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



6539E3



B7E339

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.



007812



6539E3



636200

Square

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



6539E3



D10000



007100



007CC0

Rectangle

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



6539E3



DD006A



007100



007A53

Sweetspot

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



6539E3



D5C7FF



39B9E3



675E80



000000



808080

Same Dimension

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



6539E3



5519FF



B939E3



6A6773



2E00B3



0D0033

Inverse Universe

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



E339B7



FF19C4



63E339



736770



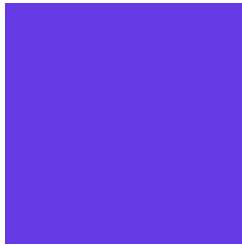
B30084



330026

Previews

White Background



This preview shows how the Hex color 6539E3 looks on a white 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

Black 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

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

Hex 6539E3 Background



This preview shows how black text looks on a background with the Hex color 6539E3.

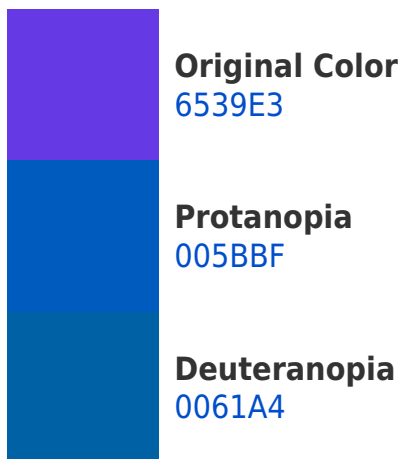



This preview shows how white text looks on a background with the Hex color 6539E3.

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](#).

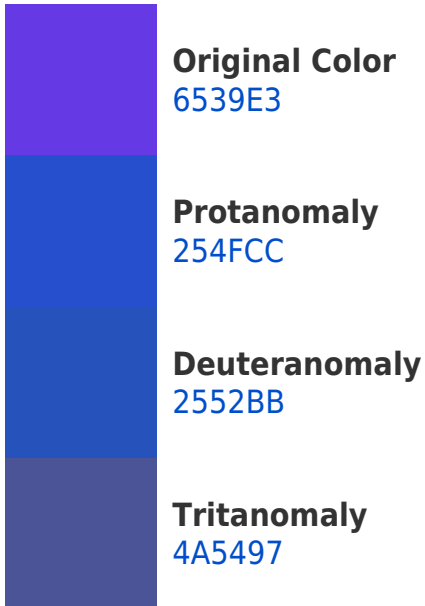
Dichromacy





Tritanopia
3A646C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6539E3 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 #6539E3 looks like.

```
.text, #text, p{  
    color:#6539E3  
}
```

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 #6539E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6539E3
}
```

Border

The CSS property to change the border of an element to Hex 6539E3 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
#6539E3 }
```

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

```
.border{ border-color:#6539E3 }
```

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

Here you see how a box with a 4 pixel #6539E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6539E3; -webkit-box-shadow:4px 4px  
4px 4px #6539E3; box-shadow:4px 4px 4px  
4px #6539E3 }
```

Background

The CSS property to change the background color of an element to Hex 6539E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6539E3 }
```

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

```
.background{ background-color:#6539E3 }
```

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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