

Converting Colors

Hex(6563E1)

Have a look what the booklet for
Hex(6563E1) contains.

Hex(6563E1)	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(6563E1)

Conversions

Conversions Part 1

Format	Color
Hex	6563E1
RGB	101, 99, 225
RGB Percent	40%, 39%, 88%
CMY	0.6039, 0.6118, 0.1176
CMYK	0.55, 0.56, 0.00, 0.12
HSL	241°, 68%, 64%
HSV	241°, 56%, 88%
XYZ	23.4193, 17.1266, 73.3056
YIQ	113.9620, -39.2540, 39.6100

Conversions

Conversions Part 2

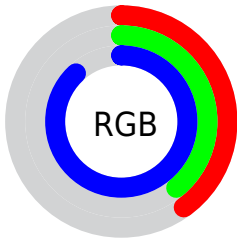
Format	Color
R _Y B	101, 99, 225
Decimal	6644705
CIE Lab	48.42, 35.79, -64.22
CIE LCh	48, 73.522, 299.131
Yxy	17.1266, 0.2057, 0.1504
Android (android.graphics.Color)	4284834785 (0xFF6563E1)
YUV	113.9620, 54.7417, -11.3677
Hunter-Lab	41.3843, 28.5901, -76.0536

Details

The Hex color **6563E1** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **DFE163**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A196FF**, and **1F34A9** is the 20% darker color. If you saturate the color by 10%, you get **4F4DE1**, and if you desaturate by 10%, it is **7B7AE1**.

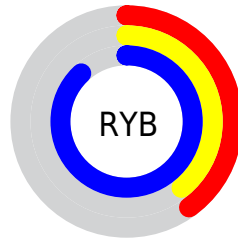
Distribution



Red (40%)

Green (39%)

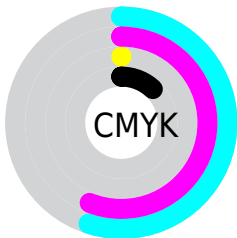
Blue (88%)



Red (40%)

Yellow (39%)

Blue (88%)

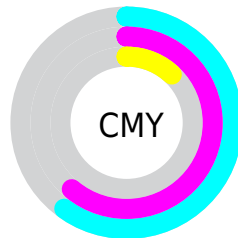


Cyan (55%)

Magenta (56%)

Yellow (0%)

Black (12%)



Cyan (60%)

Magenta (61%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6563E1 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 6563E1 by changing the saturation by 10% instead.

■ 6563E1

■ 6563E1

FFFFFF

■ 454BC5

■ A196FF

■ 1F34A9

■ BEB1FF

■ 001F8E

■ DCCCFF

■ 000C73

■ FAE8FF

■ 00005A

■ 000741

■ 00032A

■ 000114

■ 000000

■ 6563E1

■ 6563E1

■ 4F4DE1

■ 7B7AE1

■ 3936E1

■ 9190E1

■ 2320E1

■ A7A7E1

■ 0C09E1

■ BEBDE1

■ 0400E1

■ D4D4E1

■ EAEAE1

■ FFFFE1

Harmonies

Analogous

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



007CF1



6563E1



BA3EB4

Triad

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



6563E1



BC5500



008D6F

Complementary

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



6563E1



DFE163

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.



00892D



6563E1



8D7000

Square

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



6563E1



D9303B



4F8000



008DAE

Rectangle

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



6563E1



D4238C



4F8000



008C59

Sweetspot

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



6563E1



D4D4FF



63E1E1



666680



000000



808080

Same Dimension

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



6563E1



5754FF



A263E1



656570



0300B0



010030

Inverse Universe

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



E163DF



FF54FC



A2E163



706570



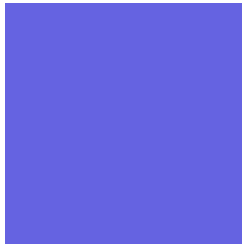
B000AD



300030

Previews

White Background



This preview shows how the Hex color 6563E1 looks on a white background.

Color Contrast Check

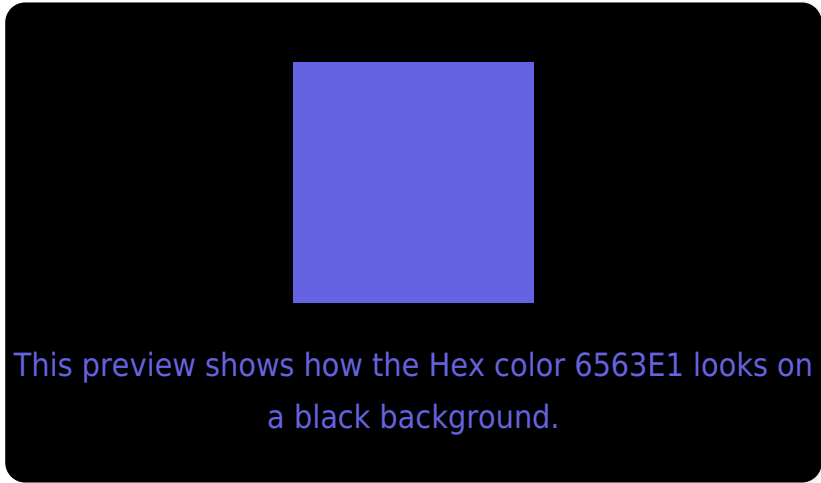
Large Text (above 18pt) WCAG AA ✓ Pass

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

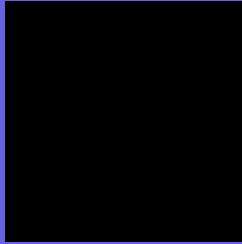
Any Text WCAG AA × Fail

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 6563E1 Background



This preview shows how black text looks on a background with the Hex color 6563E1.



This preview shows how white text looks on a background with the Hex color 6563E1.

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](#).

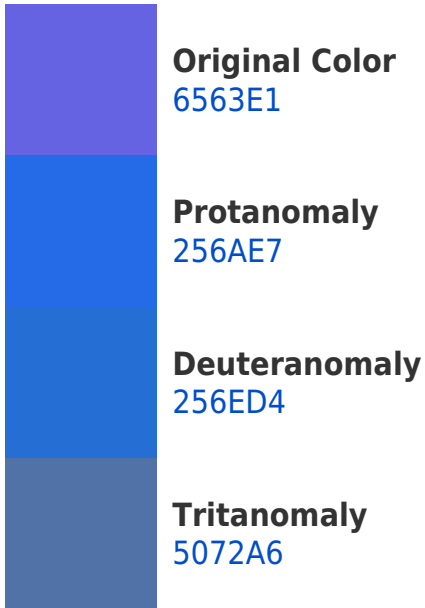
Dichromacy





Tritanopia
447B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6563E1 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 #6563E1 looks like.

```
.text, #text, p{  
    color:#6563E1  
}
```

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 #6563E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6563E1
}
```

Border

The CSS property to change the border of an element to Hex 6563E1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

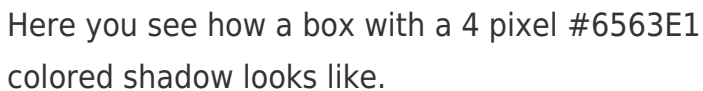
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6563E1 }
```

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

```
.border{ border-color:#6563E1 }
```

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



Here you see how a box with a 4 pixel #6563E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6563E1; -webkit-box-shadow:4px 4px  
4px 4px #6563E1; box-shadow:4px 4px 4px  
4px #6563E1 }
```

Background

The CSS property to change the background color of an element to Hex 6563E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6563E1 }
```

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

```
.background{ background-color:#6563E1 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor