

Converting Colors

Hex(6555E2)

Have a look what the booklet for
Hex(6555E2) contains.

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Color

Hex(6555E2)

Conversions

Conversions Part 1

Format	Color
Hex	6555E2
RGB	101, 85, 226
RGB Percent	40%, 33%, 89%
CMY	0.6039, 0.6667, 0.1137
CMYK	0.55, 0.62, 0.00, 0.11
HSL	247°, 71%, 61%
HSV	247°, 62%, 89%
XYZ	22.3428, 14.7547, 73.6219
YIQ	105.8580, -35.7250, 47.2430

Conversions

Conversions Part 2

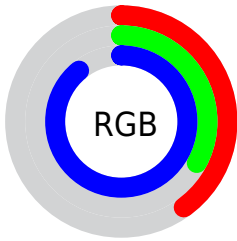
Format	Color
R_{YB}	101, 85, 226
Decimal	6641122
CIE _{Lab}	45.30, 44.37, -69.86
CIE _{LCh}	45, 82.759, 302.423
Yxy	14.7547, 0.2018, 0.1333
Android (android.graphics.Color)	4284831202 (0xFF6555E2)
YUV	105.8580, 59.2300, -4.2605
Hunter-Lab	38.4118, 36.6064, -86.7496

Details

The Hex color **6555E2** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **D2E255**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A188FF**, and **1B26A9** is the 20% darker color. If you saturate the color by 10%, you get **513EE2**, and if you desaturate by 10%, it is **796CE2**.

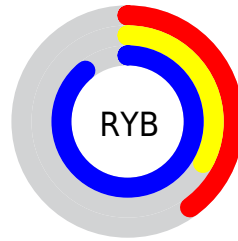
Distribution



Red (40%)

Green (33%)

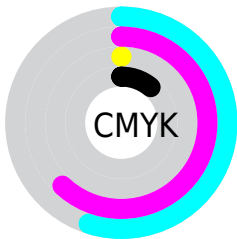
Blue (89%)



Red (40%)

Yellow (33%)

Blue (89%)

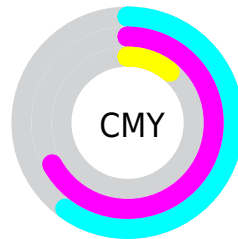


Cyan (55%)

Magenta (62%)

Yellow (0%)

Black (11%)



Cyan (60%)

Magenta (67%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6555E2 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 6555E2 by changing the saturation by 10% instead.

 6555E2

 6555E2

FFFFFF

 453DC5

 A188FF

 1B26A9

 BFA2FF

 00108E

 DDBDFF

 000074

 FCD9FF

 00005A

 FFF6FF

 000742

 00032B

 000115

 000000

■ 6555E2

■ 6555E2

■ 513EE2

■ 796CE2

■ 3D28E2

■ 8D82E2

■ 2911E2

■ A199E2

■ 1A00E2

■ B5AFE2

■ C9C6E2

■ DDDDE2

■ F1F3E2

■ FFFFE2

Harmonies

Analogous

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



0074F8



6555E2



BF1AAD

Triad

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



655E2



B44C00



00866F

Complementary

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



655E2



D2E255

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.



008323



6555E2



7E6B00

Square

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



6555E2



D70B25



327B00



0087B4

Rectangle

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



6555E2



D80080



327B00



008657

Sweetspot

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



6555E2



D4CFFF



55D4E2



666280



000000



808080

Same Dimension

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



6555E2



5540FF



AA55E2



666570



1400B0



050030

Inverse Universe

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



E255D2



FF40E9



8DE255



70656F



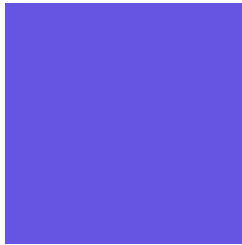
B0009C



30002B

Previews

White Background



This preview shows how the Hex color 6555E2 looks on a white background.

Color Contrast Check

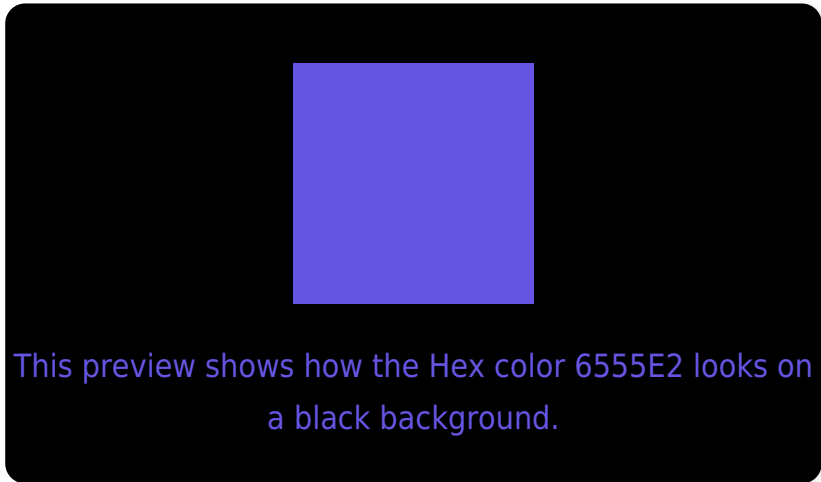
Large Text (above 18pt) WCAG AA ✓ Pass

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

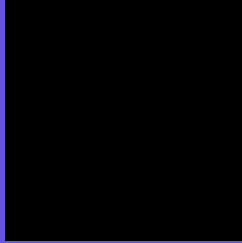
Any Text WCAG AA × Fail

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 6555E2 Background



This preview shows how black text looks on a background with the Hex color 6555E2.

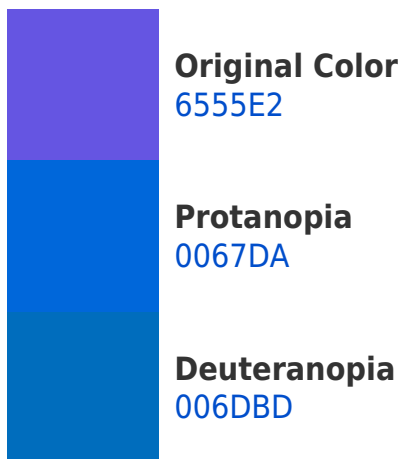



This preview shows how white text looks on a background with the Hex color 6555E2.

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
40737C

Trichromacy



Original Color
6555E2



Protanomaly
2560DD



Deuteranomaly
2564CA



Tritanomaly
4D68A1

Monochromacy



Original Color
6555E2



Achromatopsia
6A6A6A



Achromatomaly
686296

CSS Examples

Text

The CSS property to change the color of the text to Hex 6555E2 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 #6555E2 looks like.

```
.text, #text, p{  
    color:#6555E2  
}
```

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 #6555E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6555E2
}
```

Border

The CSS property to change the border of an element to Hex 6555E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

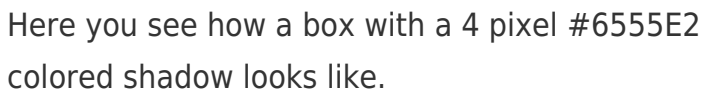
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6555E2 }
```

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

```
.border{ border-color:#6555E2 }
```

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



Here you see how a box with a 4 pixel #6555E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6555E2; -webkit-box-shadow:4px 4px  
4px 4px #6555E2; box-shadow:4px 4px 4px  
4px #6555E2 }
```

Background

The CSS property to change the background color of an element to Hex 6555E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6555E2 }
```

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

```
.background{ background-color:#6555E2 }
```

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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