

Converting Colors

Hex(6556E8)

Have a look what the booklet for
Hex(6556E8) contains.

Hex(6556E8)	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(6556E8)

Conversions

Conversions Part 1

Format	Color
Hex	6556E8
RGB	101, 86, 232
RGB Percent	40%, 34%, 91%
CMY	0.6039, 0.6627, 0.0902
CMYK	0.56, 0.63, 0.00, 0.09
HSL	246°, 76%, 62%
HSV	246°, 63%, 91%
XYZ	23.2601, 15.2485, 78.0612
YIQ	107.1290, -37.9260, 48.5860

Conversions

Conversions Part 2

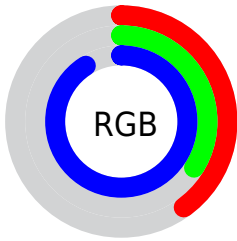
Format	Color
R_{YB}	101, 86, 232
Decimal	6641384
CIE _{Lab}	45.97, 45.62, -72.15
CIE _{LCh}	46, 85.366, 302.307
Yxy	15.2485, 0.1995, 0.1308
Android (android.graphics.Color)	4284831464 (0xFF6556E8)
YUV	107.1290, 61.5614, -5.3751
Hunter-Lab	39.0493, 37.9891, -91.1888

Details

The Hex color **6556E8** 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 **D9E856**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **A289FF**, and **1727AF** is the 20% darker color. If you saturate the color by 10%, you get **503FE8**, and if you desaturate by 10%, it is **7A6DE8**.

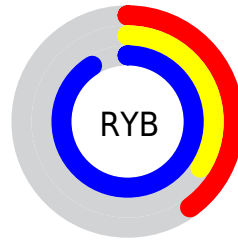
Distribution



Red (40%)

Green (34%)

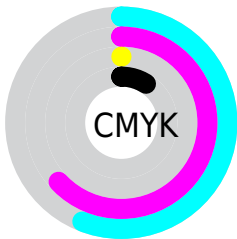
Blue (91%)



Red (40%)

Yellow (34%)

Blue (91%)

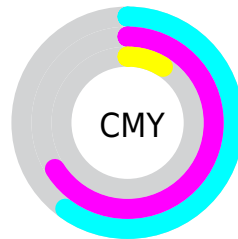


Cyan (56%)

Magenta (63%)

Yellow (0%)

Black (9%)



Cyan (60%)

Magenta (66%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6556E8 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 6556E8 by changing the saturation by 10% instead.

 6556E8

 6556E8

FFFFFF

 443ECB

 A289FF

 1727AF

 C0A3FF

 001194

 DFBFFF

 000079

 FDDBFF

 00005F

 FFF7FF

 000846

 00042F

 000119

 000000

■ 6556E8

■ 6556E8

■ 503FE8

■ 7A6DE8

■ 3B28E8

■ 8F84E8

■ 2710E8

■ A39CE8

■ 1800E8

■ B8B3E8

■ CDCAE8

■ E2E1E8

■ F7F8E8

■ FFFFE8

Harmonies

Analogous

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



0076FF



6556E8



C315B1

Triad

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



6556E8



B74D00



008971

Complementary

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



6556E8



D9E856

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.



008521



6556E8



806C00

Square

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



6556E8



DC0025



317D00



0089B8

Rectangle

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



6556E8



DD0083



317D00



008858

Sweetspot

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



6556E8



D4CFFF



56D9E8



656280



000000



808080

Same Dimension

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



6556E8



513DFF



AE56E8



686773



1200B3



050033

Inverse Universe

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



E856D9



FF3DEB



90E856



736772



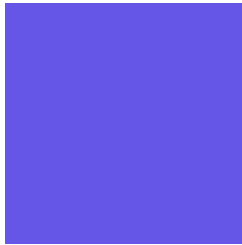
B300A0



33002E

Previews

White Background



This preview shows how the Hex color 6556E8 looks on a white background.

Color Contrast Check

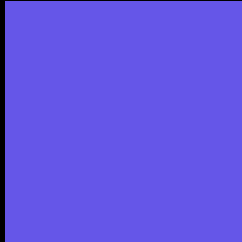
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6556E8 looks on a 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 6556E8 Background



This preview shows how black text looks on a background with the Hex color 6556E8.

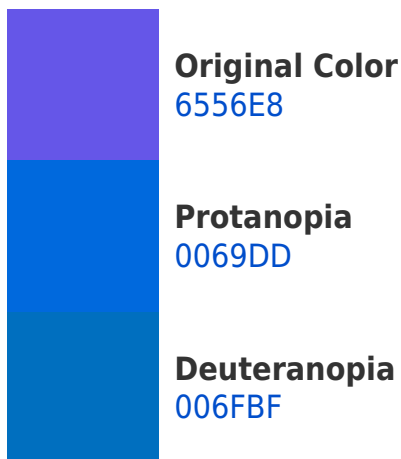


This preview shows how white text looks on a background with the Hex color 6556E8.

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](#).

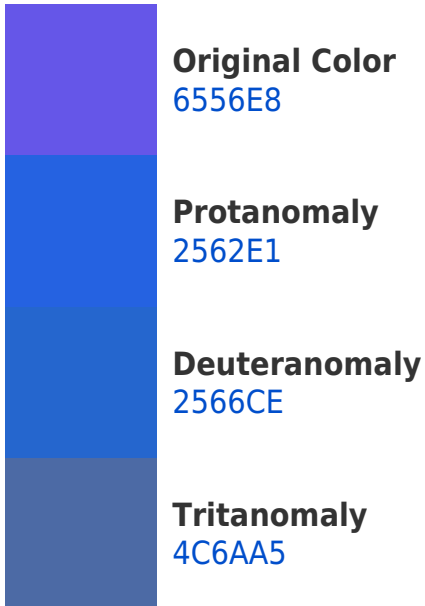
Dichromacy





Tritanopia
3D757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6556E8 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 #6556E8 looks like.

```
.text, #text, p{  
    color:#6556E8  
}
```

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 #6556E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6556E8
}
```

Border

The CSS property to change the border of an element to Hex 6556E8 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
#6556E8 }
```

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

```
.border{ border-color:#6556E8 }
```

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

Here you see how a box with a 4 pixel #6556E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6556E8; -webkit-box-shadow:4px 4px  
4px 4px #6556E8; box-shadow:4px 4px 4px  
4px #6556E8 }
```

Background

The CSS property to change the background color of an element to Hex 6556E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6556E8 }
```

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

```
.background{ background-color:#6556E8 }
```

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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