

Converting Colors

Hex(7552E1)

Have a look what the booklet for
Hex(7552E1) contains.

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Color

Hex(7552E1)

Conversions

Conversions Part 1

Format	Color
Hex	7552E1
RGB	117, 82, 225
RGB Percent	46%, 32%, 88%
CMY	0.5412, 0.6784, 0.1176
CMYK	0.48, 0.64, 0.00, 0.12
HSL	255°, 70%, 60%
HSV	255°, 64%, 88%
XYZ	23.9440, 15.2527, 72.9162
YIQ	108.7670, -25.0430, 51.8930

Conversions

Conversions Part 2

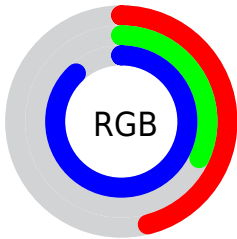
Format	Color
R_{YB}	117, 82, 225
Decimal	7688929
CIE _{Lab}	45.98, 48.64, -68.12
CIE _{LCh}	46, 83.699, 305.526
Yxy	15.2527, 0.2136, 0.1360
Android (android.graphics.Color)	4285879009 (0xFF7552E1)
YUV	108.7670, 57.3029, 7.2203
Hunter-Lab	39.0548, 41.0905, -83.3577

Details

The Hex color **7552E1** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **BEE152**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **B085FF**, and **3621A9** is the 20% darker color. If you saturate the color by 10%, you get **643CE1**, and if you desaturate by 10%, it is **8669E1**.

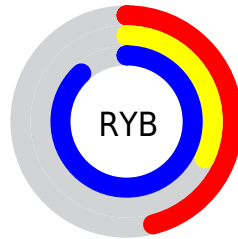
Distribution



Red (46%)

Green (32%)

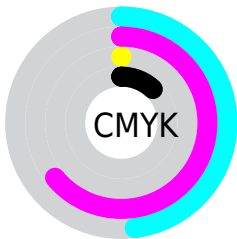
Blue (88%)



Red (46%)

Yellow (32%)

Blue (88%)

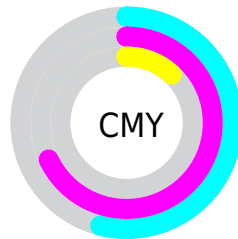


Cyan (48%)

Magenta (64%)

Yellow (0%)

Black (12%)



Cyan (54%)

Magenta (68%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7552E1 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 7552E1 by changing the saturation by 10% instead.

 7552E1

 7552E1

FFFFFF

 5739C4

 B085FF

 3621A9

 CEA0FF

 02078D

 ECBBFF

 000073

 FFD8FF

 000059

 FFF4FF

 000741

 00032A

 000114

 000000

7552E1

7552E1

643CE1

8669E1

5325E1

977FE1

420EE1

A895E1

3700E1

B9ACE1

CAC3E1

DBD9E1

ECF0E1

FDFFE1

FFFFE1

Harmonies

Analogous

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



0073FB



7552E1



C70DA8

Triad

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



7552E1



B15200



008979

Complementary

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



7552E1



BEE152

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.



00862D



7552E1



7A6F00

Square

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



7552E1



D7191E



257E00



0089BE

Rectangle

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



7552E1



DE007B



257E00



008860

Sweetspot

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



7552E1



DACFFF



52C0E1



696280



000000



808080

Same Dimension

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



7552E1



6D3DFF



BB52E1



686570



2B00B0



0C0030

Inverse Universe

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



E152BE



FF3DD0



78E152



70656D



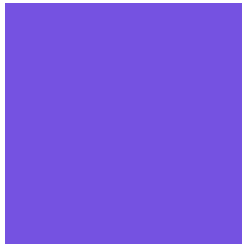
B00085



300025

Previews

White Background



This preview shows how the Hex color 7552E1 looks on a white background.

Color Contrast Check

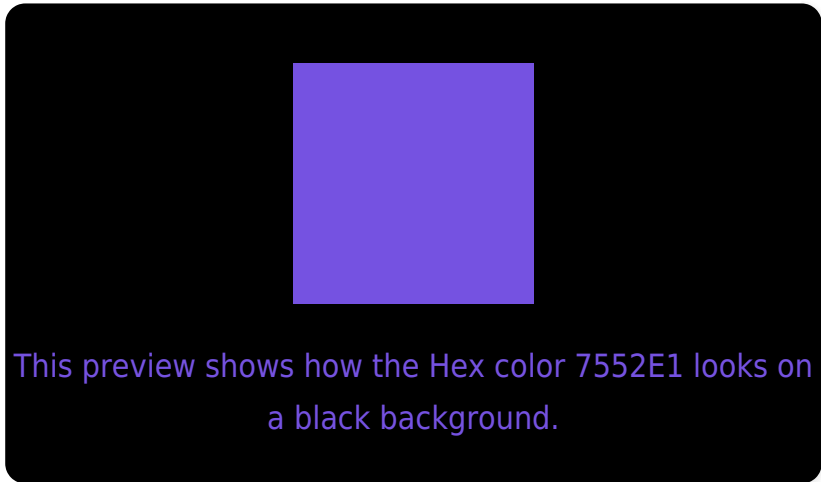
Large Text (above 18pt) WCAG AA ✓ Pass

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

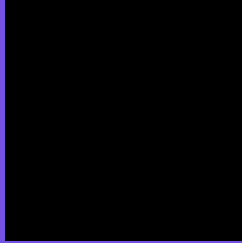
Any Text WCAG AA × Fail

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 7552E1 Background



This preview shows how black text looks on a background with the Hex color 7552E1.

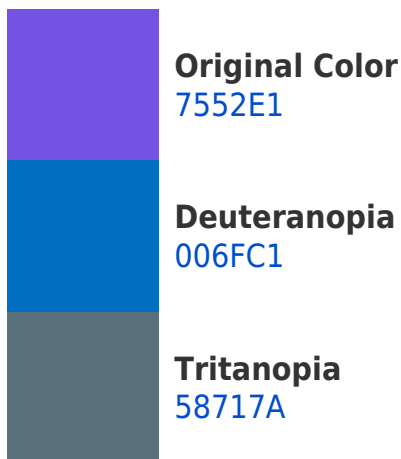


This preview shows how white text looks on a background with the Hex color 7552E1.

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



Trichromacy



Original Color
752E1



Deuteranomaly
2B64CD



Tritanomaly
63669F

Monochromacy



Original Color
752E1



Achromatopsia
6D6D6D



Achromatomaly
706397

CSS Examples

Text

The CSS property to change the color of the text to Hex 7552E1 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 #7552E1 looks like.

```
.text, #text, p{  
    color:#7552E1  
}
```

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 #7552E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7552E1
}
```

Border

The CSS property to change the border of an element to Hex 7552E1 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
#7552E1 }
```

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

```
.border{ border-color:#7552E1 }
```

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

Here you see how a box with a 4 pixel #7552E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7552E1; -webkit-box-shadow:4px 4px  
4px 4px #7552E1; box-shadow:4px 4px 4px  
4px #7552E1 }
```

Background

The CSS property to change the background color of an element to Hex 7552E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7552E1 }
```

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

```
.background{ background-color:#7552E1 }
```

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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