

Converting Colors

Hex(7552E4)

Have a look what the booklet for
Hex(7552E4) contains.

Hex(7552E4)	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(7552E4)

Conversions

Conversions Part 1

Format	Color
Hex	7552E4
RGB	117, 82, 228
RGB Percent	46%, 32%, 89%
CMY	0.5412, 0.6784, 0.1059
CMYK	0.49, 0.64, 0.00, 0.11
HSL	254°, 73%, 61%
HSV	254°, 64%, 89%
XYZ	24.3570, 15.4179, 75.0910
YIQ	109.1090, -26.0060, 52.8260

Conversions

Conversions Part 2

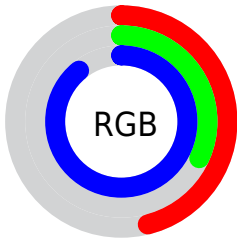
Format	Color
R_{YB}	117, 82, 228
Decimal	7688932
CIE _{Lab}	46.20, 49.48, -69.46
CIE _{LCh}	46, 85.279, 305.465
Yxy	15.4179, 0.2120, 0.1342
Android (android.graphics.Color)	4285879012 (0xFF7552E4)
YUV	109.1090, 58.6133, 6.9204
Hunter-Lab	39.2657, 42.0109, -85.8992

Details

The Hex color **7552E4** 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 **C1E452**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **B085FF**, and **3521AB** is the 20% darker color. If you saturate the color by 10%, you get **643BE4**, and if you desaturate by 10%, it is **8669E4**.

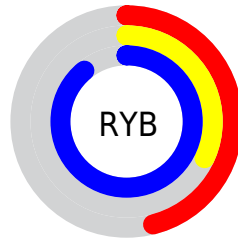
Distribution



Red (46%)

Green (32%)

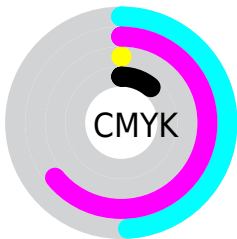
Blue (89%)



Red (46%)

Yellow (32%)

Blue (89%)

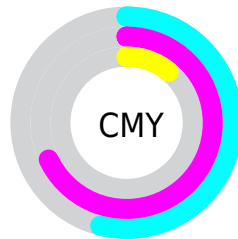


Cyan (49%)

Magenta (64%)

Yellow (0%)

Black (11%)



Cyan (54%)

Magenta (68%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7552E4 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 7552E4 by changing the saturation by 10% instead.

 7552E4

 7552E4

FFFFFF

 5739C7

 B085FF

 3521AB

 CEA0FF

 000790

 ECBBFF

 000076

 FFD8FF

 00005C

 FFF4FF

 000743

 00032C

 000116

 000000

■ 7552E4

■ 7552E4

■ 643BE4

■ 8669E4

■ 5224E4

■ 9880E4

■ 410EE4

■ A996E4

■ 3700E4

■ BAADE4

■ CCC4E4

■ DDDBE4

■ EEF2E4

■ FFFFE4

Harmonies

Analogous

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



0074FF



7552E4



C904AA

Triad

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



7552E4



B35100



008A79

Complementary

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



7552E4



C1E452

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.



00872C



7552E4



7A6F00

Square

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



7552E4



DA141D



237F00



008AC0

Rectangle

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



7552E4



E0007C



237F00



008960

Sweetspot

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



7552E4



DACFFB



52C2E4



696280



000000



808080

Same Dimension

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



7552E4



6A3BFF



BD52E4



6A6773



2B00B3



0C0033

Inverse Universe

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



E452C1



FF3BD0



79E452



736770



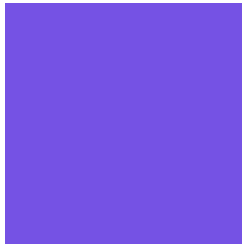
B30088



330027

Previews

White Background



This preview shows how the Hex color 7552E4 looks on a white background.

Color Contrast Check

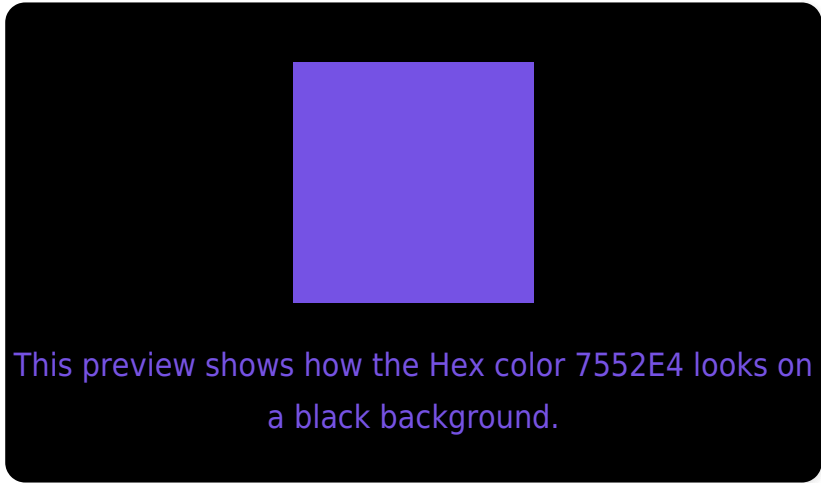
Large Text (above 18pt) WCAG AA ✓ Pass

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

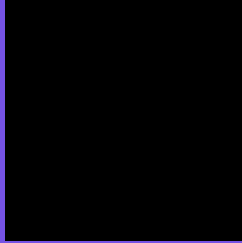
Any Text WCAG AA × Fail

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 7552E4 Background



This preview shows how black text looks on a background with the Hex color 7552E4.

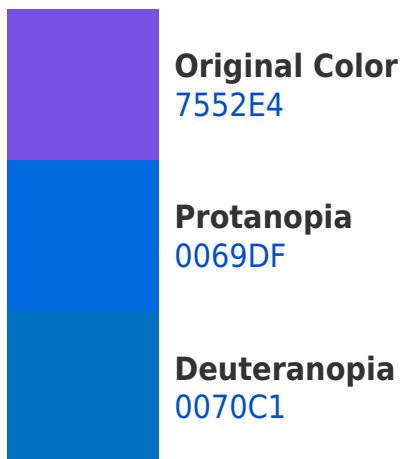


This preview shows how white text looks on a background with the Hex color 7552E4.

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](#).

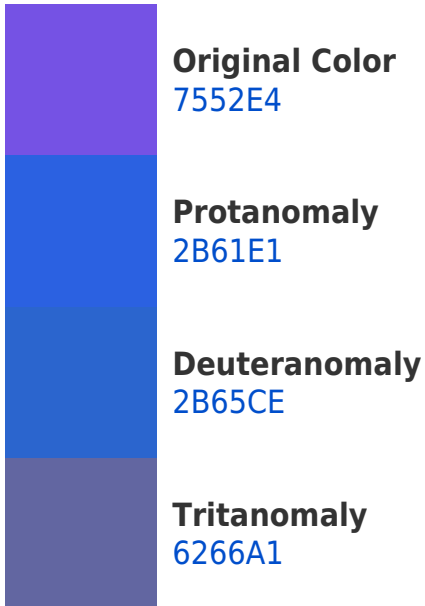
Dichromacy



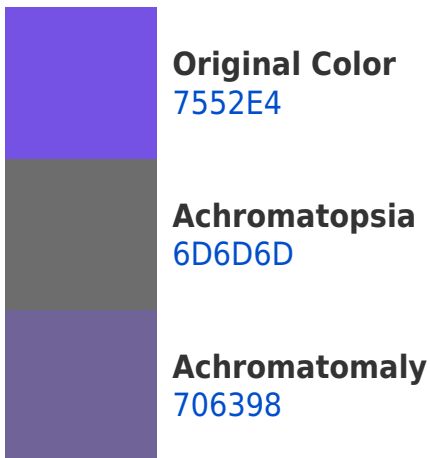


Tritanopia
57717B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7552E4 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 #7552E4 looks like.

```
.text, #text, p{  
    color:#7552E4  
}
```

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 #7552E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7552E4
}
```

Border

The CSS property to change the border of an element to Hex 7552E4 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
#7552E4 }
```

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

```
.border{ border-color:#7552E4 }
```

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

Here you see how a box with a 4 pixel #7552E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7552E4; -webkit-box-shadow:4px 4px  
4px 4px #7552E4; box-shadow:4px 4px 4px  
4px #7552E4 }
```

Background

The CSS property to change the background color of an element to Hex 7552E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7552E4 }
```

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

```
.background{ background-color:#7552E4 }
```

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