

Converting Colors

Hex(2757E2)

Have a look what the booklet for
Hex(2757E2) contains.

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Color

Hex(2757E2)

Conversions

Conversions Part 1

Format	Color
Hex	2757E2
RGB	39, 87, 226
RGB Percent	15%, 34%, 89%
CMY	0.8471, 0.6588, 0.1137
CMYK	0.83, 0.62, 0.00, 0.11
HSL	225°, 76%, 52%
HSV	225°, 83%, 89%
XYZ	17.9724, 12.7387, 73.4631
YIQ	88.4940, -73.2270, 33.0530

Conversions

Conversions Part 2

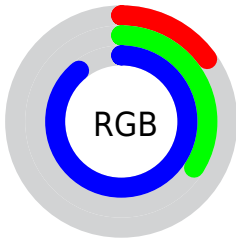
Format	Color
R _Y B	39, 77, 226
Decimal	2578402
CIE Lab	42.37, 35.40, -74.78
CIE LCh	42, 82.739, 295.334
Yxy	12.7387, 0.1725, 0.1223
Android (android.graphics.Color)	4280768482 (0xFF2757E2)
YUV	88.4940, 67.7905, -43.4062
Hunter-Lab	35.6913, 27.4238, -97.0520

Details

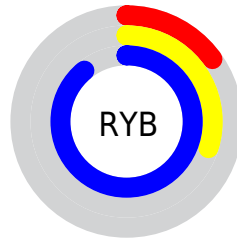
The Hex color **2757E2** is a dark color, and the websafe version is hex **3366FF**. The color can be described as dark washed blue. A complement of this color would be **E2B227**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **7588FF**, and **002BA9** is the 20% darker color. If you saturate the color by 10%, you get **1046E2**, and if you desaturate by 10%, it is **3E68E2**.

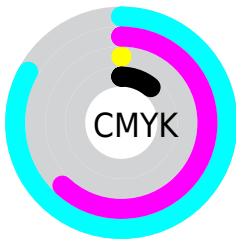
Distribution



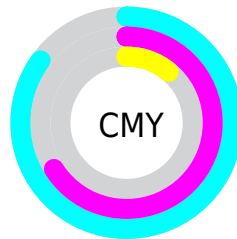
- Red (15%)
- Green (34%)
- Blue (89%)



- Red (15%)
- Yellow (30%)
- Blue (89%)



- Cyan (83%)
- Magenta (62%)
- Yellow (0%)
- Black (11%)



- Cyan (85%)
- Magenta (66%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2757E2 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 2757E2 by changing the saturation by 10% instead.

■ 2757E2

■ 2757E2

FFFFFF

■ 0040C5

■ 7588FF

■ 002BA9

■ 96A3FF

■ 00188E

■ B5BEFF

■ 000274

■ D4D9FF

■ 000B5A

■ F3F6FF

■ 000741

■ 00032A

■ 000115

■ 000000

■ 2757E2

■ 2757E2

■ 1046E2

■ 3E68E2

■ 003AE2

■ 5479E2

■ 6B89E2

■ 819AE2

■ 98ABE2

■ AFBCE2

■ C5CDE2

■ DCDDE2

■ F2EEE2

Harmonies

Analogous

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



0071EF



2757E2



A823B3

Triad

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



2757E2



B43A00



007E57

Complementary

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



2757E2



E2B227

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.



007A00



2757E2



845E00

Square

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



2757E2



D2002F



417100



007F9D

Rectangle

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



2757E2



C90088



417100



007D3F

Sweetspot

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



2757E2



BFD0FF



27E2B0



596380



000000



808080

Same Dimension

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



2757E2



0343FF



5327E2



656870



002DB0



000C30

Inverse Universe

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



E22757



FF0343



B6E227



706568



B0002D



30000C

Previews

White Background



This preview shows how the Hex color 2757E2 looks on a white background.

Color Contrast Check

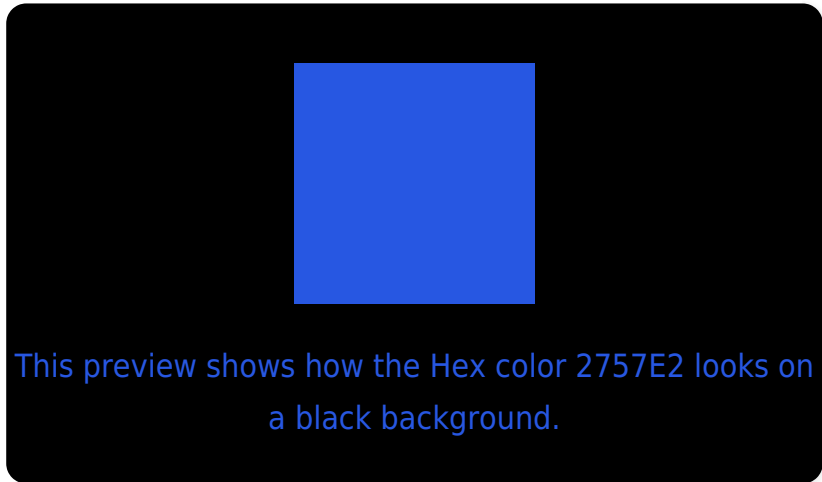
Large Text (above 18pt) WCAG AA ✓ Pass

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

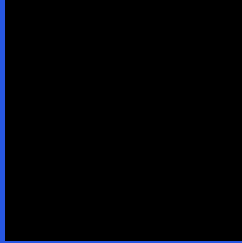
Any Text WCAG AA × Fail

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 2757E2 Background



This preview shows how black text looks on a background with the Hex color 2757E2.

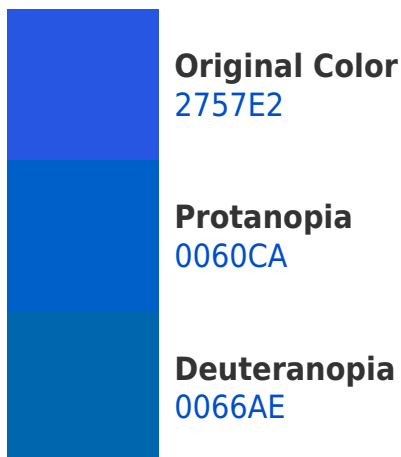


This preview shows how white text looks on a background with the Hex color 2757E2.

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](#).

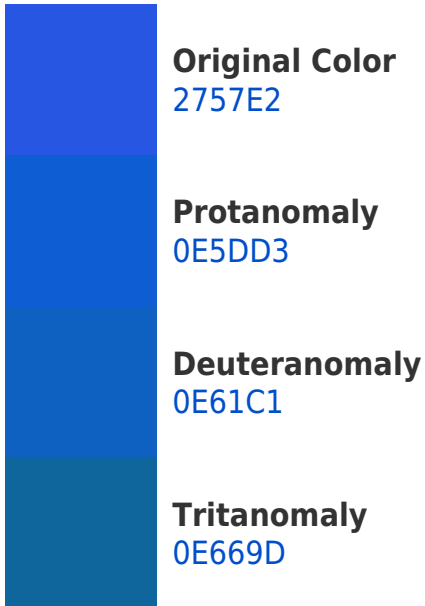
Dichromacy





Tritanopia
006E75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2757E2 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 #2757E2 looks like.

```
.text, #text, p{  
    color:#2757E2  
}
```

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 #2757E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2757E2
}
```

Border

The CSS property to change the border of an element to Hex 2757E2 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
#2757E2 }
```

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

```
.border{ border-color:#2757E2 }
```

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

Here you see how a box with a 4 pixel #2757E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2757E2; -webkit-box-shadow:4px 4px  
4px 4px #2757E2; box-shadow:4px 4px 4px  
4px #2757E2 }
```

Background

The CSS property to change the background color of an element to Hex 2757E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2757E2 }
```

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

```
.background{ background-color:#2757E2 }
```

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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