

Converting Colors

Hex(2757C5)

Have a look what the booklet for
Hex(2757C5) contains.

Hex(2757C5)	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(2757C5)

Conversions

Conversions Part 1

Format	Color
Hex	2757C5
RGB	39, 87, 197
RGB Percent	15%, 34%, 77%
CMY	0.8471, 0.6588, 0.2275
CMYK	0.80, 0.56, 0.00, 0.23
HSL	222°, 67%, 46%
HSV	222°, 80%, 77%
XYZ	14.3229, 11.2789, 54.2455
YIQ	85.1880, -63.9180, 24.0340

Conversions

Conversions Part 2

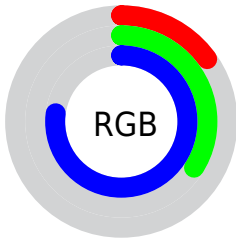
Format	Color
R_{YB}	39, 76, 197
Decimal	2578373
CIE _{Lab}	40.05, 24.49, -61.92
CIE _{LCh}	40, 66.587, 291.583
Yxy	11.2789, 0.1794, 0.1413
Android (android.graphics.Color)	4280768453 (0xFF2757C5)
YUV	85.1880, 55.1233, -40.5069
Hunter-Lab	33.5841, 17.3543, -72.2570

Details

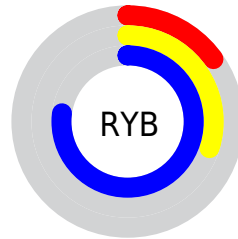
The Hex color **2757C5** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **C59527**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **6E88FF**, and **002B8E** is the 20% darker color. If you saturate the color by 10%, you get **1349C5**, and if you desaturate by 10%, it is **3B65C5**.

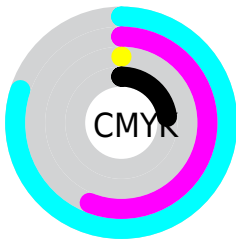
Distribution



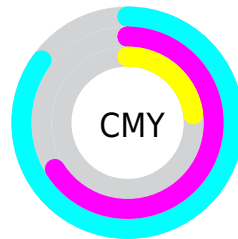
- Red (15%)
- Green (34%)
- Blue (77%)



- Red (15%)
- Yellow (30%)
- Blue (77%)



- Cyan (80%)
- Magenta (56%)
- Yellow (0%)
- Black (23%)



- Cyan (85%)
- Magenta (66%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2757C5 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 2757C5 by changing the saturation by 10% instead.

■ 2757C5

■ 2757C5

FFFFFF

■ 0040A9

■ 6E88FF

■ 002B8E

■ 8DA2FF

■ 001874

■ ABBDFE

■ 00005B

■ C9D9FF

■ 000742

■ E7F5FF

■ 00032B

■ 000115

■ 000000

■ 2757C5

■ 2757C5

■ 1349C5

■ 3B65C5

■ 003CC5

■ 4E72C5

■ 6280C5

■ 768EC5

■ 8A9CC5

■ 9DA9C5

■ B1B7C5

■ C5C5C5

■ D8D2C5

Harmonies

Analogous

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



006ACB



2757C5



8F38A3

Triad

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



2757C5



A63C00



00744D

Complementary

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



2757C5



C59527

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.



00700D



2757C5



805700

Square

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



2757C5



BA153A



4E6700



007585

Rectangle

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



2757C5



AC1D82



4E6700



007339

Sweetspot

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



2757C5



C2D4FF



27C593



5B6680



000000



808080

Same Dimension

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



2757C5



0A55FF



4427C5



5A5D63



0032A3



000B24

Inverse Universe

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



C52757



FF0A55



A8C527



635A5D



A30032



24000B

Previews

White Background



This preview shows how the Hex color 2757C5 looks on a white background.

Color Contrast Check

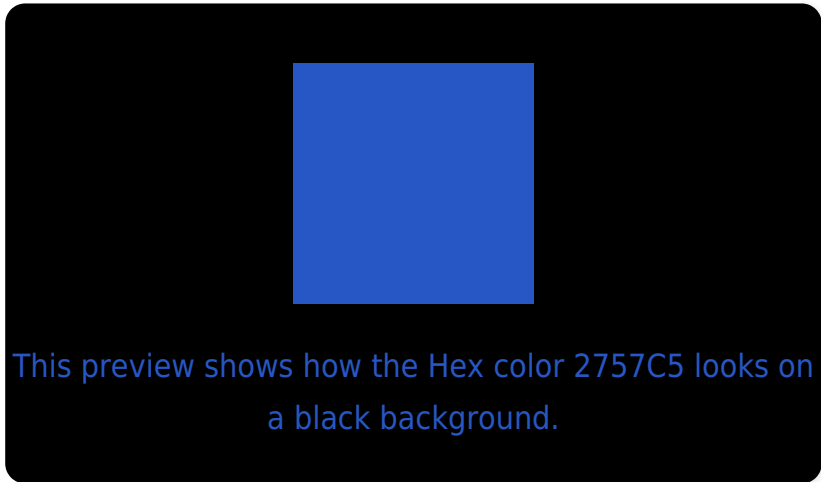
Large Text (above 18pt) WCAG AA ✓ Pass

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

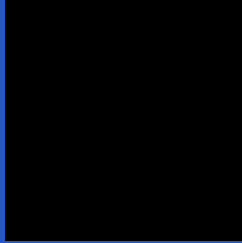
Any Text WCAG AA × Fail

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 2757C5 Background



This preview shows how black text looks on a background with the Hex color 2757C5.



This preview shows how white text looks on a background with the Hex color 2757C5.

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



Original Color
2757C5

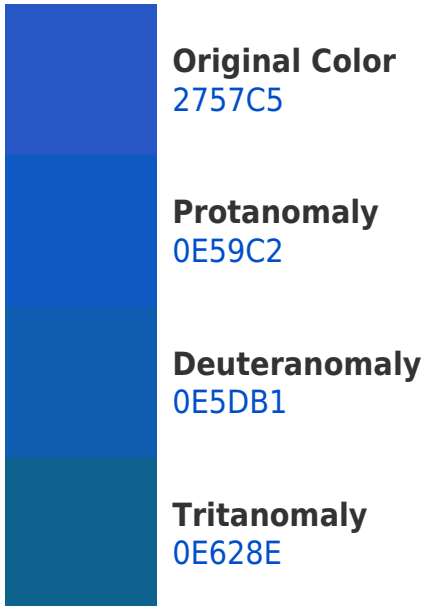
Protanopia
005AC0

Deuteranopia
0060A6

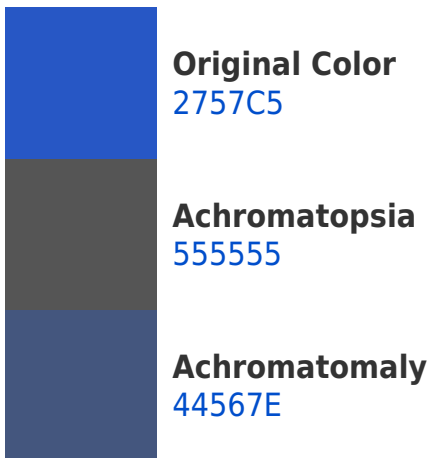


Tritanopia
00686F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2757C5 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 #2757C5 looks like.

```
.text, #text, p{  
    color:#2757C5  
}
```

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 #2757C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2757C5
}
```

Border

The CSS property to change the border of an element to Hex 2757C5 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
#2757C5 }
```

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

```
.border{ border-color:#2757C5 }
```

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

Here you see how a box with a 4 pixel #2757C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2757C5; -webkit-box-shadow:4px 4px  
4px 4px #2757C5; box-shadow:4px 4px 4px  
4px #2757C5 }
```

Background

The CSS property to change the background color of an element to Hex 2757C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2757C5 }
```

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

```
.background{ background-color:#2757C5 }
```

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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