

Converting Colors

Hex(2573EE)

Have a look what the booklet for
Hex(2573EE) contains.

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Color

Hex(2573EE)

Conversions

Conversions Part 1

Format	Color
Hex	2573EE
RGB	37, 115, 238
RGB Percent	15%, 45%, 93%
CMY	0.8549, 0.5490, 0.0667
CMYK	0.84, 0.52, 0.00, 0.07
HSL	217°, 86%, 54%
HSV	217°, 84%, 93%
XYZ	22.3263, 18.8278, 83.3463
YIQ	105.7000, -85.9710, 21.7170

Conversions

Conversions Part 2

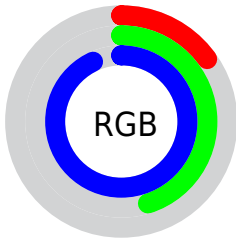
Format	Color
R _Y B	37, 93, 238
Decimal	2454510
CIE Lab	50.49, 21.93, -68.32
CIE LCh	50, 71.757, 287.796
Yxy	18.8278, 0.1793, 0.1512
Android (android.graphics.Color)	4280644590 (0xFF2573EE)
YUV	105.7000, 65.2239, -60.2499
Hunter-Lab	43.3910, 15.9105, -83.5116

Details

The Hex color **2573EE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **EEA025**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **76A6FF**, and **0044B5** is the 20% darker color. If you saturate the color by 10%, you get **0D64EE**, and if you desaturate by 10%, it is **3D82EE**.

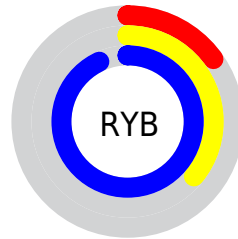
Distribution



Red (15%)

Green (45%)

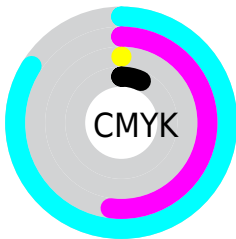
Blue (93%)



Red (15%)

Yellow (36%)

Blue (93%)

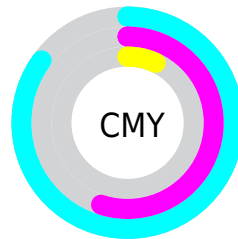


Cyan (84%)

Magenta (52%)

Yellow (0%)

Black (7%)



Cyan (85%)

Magenta (55%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2573EE 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 2573EE by changing the saturation by 10% instead.

 2573EE

 2573EE

FFFFFF

 005BD1

 76A6FF

 0044B5

 96C1FF

 002F9A

 B6DDFF

 001D7F

 D5F9FF

 000165

 F4FFFF

 00094C

 000434

 00021E

 000000

■ 2573EE

■ 2573EE

■ 0D64EE

■ 3D82EE

■ 005CEE

■ 5590EE

■ 6C9FEE

■ 84ADEE

■ 9CBCEE

■ B4CAEE

■ CCD9EE

■ E3E8EE

■ FBF6EE

Harmonies

Analogous

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



0087F1



2573EE



A654CB

Triad

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



2573EE



CE4F1B



00915C

Complementary

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



2573EE



EEA025

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.



0D8C18



2573EE



A66C00

Square

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



2573EE



E22F57



708000



00939C

Rectangle

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



2573EE



CC3CA8



708000



009047

Sweetspot

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



2573EE



BFD8FF



25EE9E



596880



000000



808080

Same Dimension

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



2573EE



0063FF



3925EE



6C7178



0047B8



001638

Inverse Universe

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



EE2573



FF0063



DAEE25



786C71



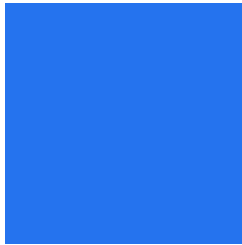
B80047



380016

Previews

White Background



This preview shows how the Hex color 2573EE looks on a white background.

Color Contrast Check

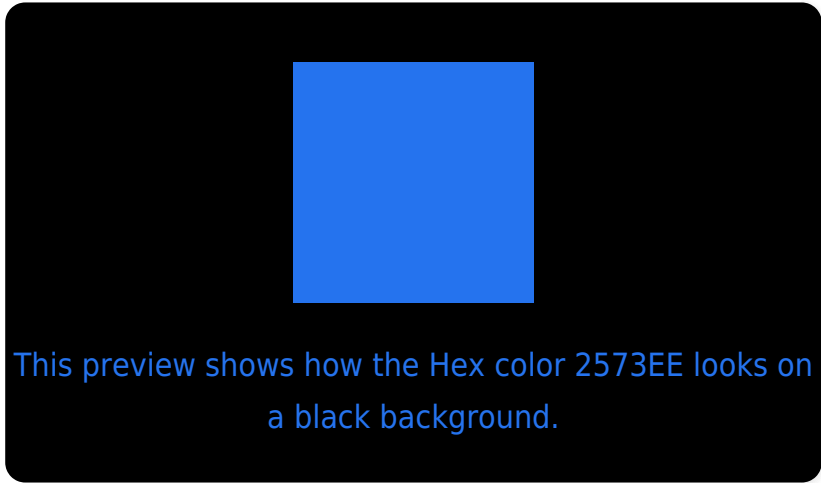
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

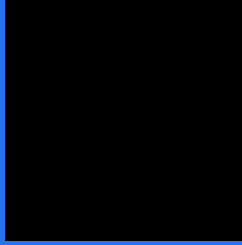
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

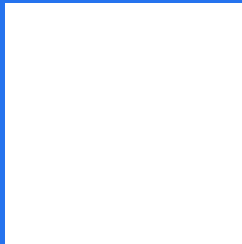
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 2573EE Background



This preview shows how black text looks on a background with the Hex color 2573EE.

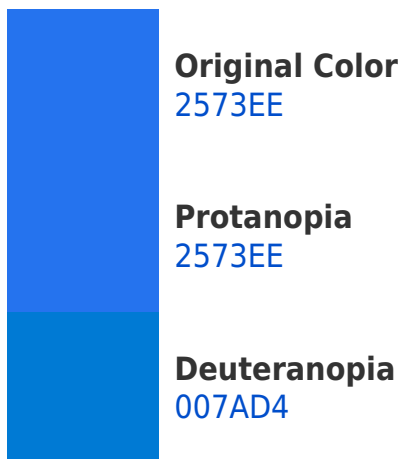


This preview shows how white text looks on a background with the Hex color 2573EE.

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](#).

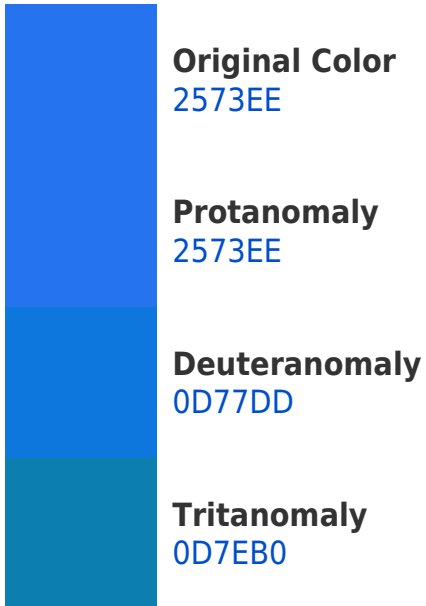
Dichromacy



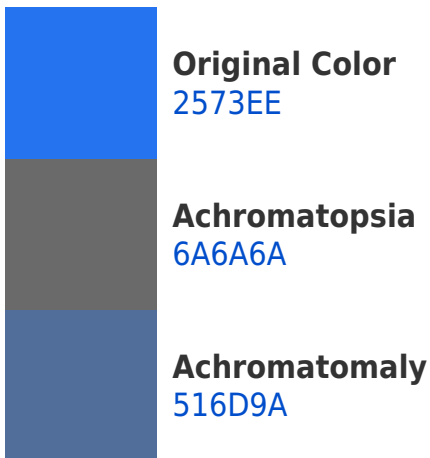


Tritanopia
00858D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2573EE 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 #2573EE looks like.

```
.text, #text, p{  
    color:#2573EE  
}
```

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 #2573EE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2573EE
}
```

Border

The CSS property to change the border of an element to Hex 2573EE is called "border". The border property can be set on classes, ids or directly on the HTML element.

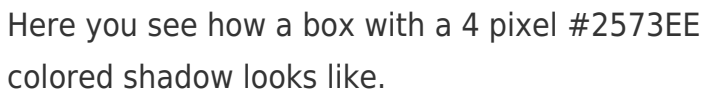
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2573EE }
```

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

```
.border{ border-color:#2573EE }
```

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



Here you see how a box with a 4 pixel #2573EE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2573EE; -webkit-box-shadow:4px 4px  
4px 4px #2573EE; box-shadow:4px 4px 4px  
4px #2573EE }
```

Background

The CSS property to change the background color of an element to Hex 2573EE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2573EE }
```

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

```
.background{ background-color:#2573EE }
```

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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