

Converting Colors

Hex(2574E9)

Have a look what the booklet for
Hex(2574E9) contains.

Hex(2574E9)	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(2574E9)

Conversions

Conversions Part 1

Format	Color
Hex	2574E9
RGB	37, 116, 233
RGB Percent	15%, 45%, 91%
CMY	0.8549, 0.5451, 0.0863
CMYK	0.84, 0.50, 0.00, 0.09
HSL	216°, 82%, 53%
HSV	216°, 84%, 91%
XYZ	21.7163, 18.7673, 79.5687
YIQ	105.7170, -84.6410, 19.6390

Conversions

Conversions Part 2

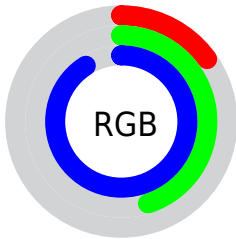
Format	Color
R_{YB}	37, 93, 233
Decimal	2454761
CIE _{Lab}	50.41, 19.40, -65.64
CIE _{LCh}	50, 68.447, 286.468
Yxy	18.7673, 0.1809, 0.1563
Android (android.graphics.Color)	4280644841 (0xFF2574E9)
YUV	105.7170, 62.7505, -60.2648
Hunter-Lab	43.3212, 13.6674, -78.5739

Details

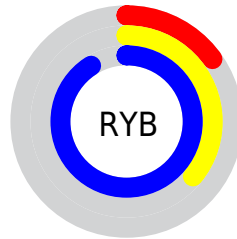
The Hex color **2574E9** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark washed azure. A complement of this color would be **E99A25**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **75A7FF**, and **0045B0** is the 20% darker color. If you saturate the color by 10%, you get **0E66E9**, and if you desaturate by 10%, it is **3C82E9**.

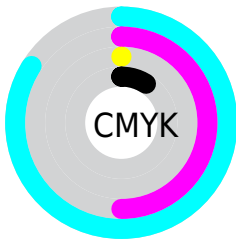
Distribution



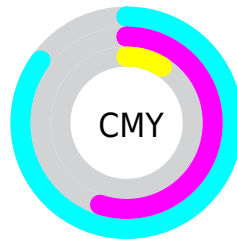
- Red (15%)
- Green (45%)
- Blue (91%)



- Red (15%)
- Yellow (36%)
- Blue (91%)



- Cyan (84%)
- Magenta (50%)
- Yellow (0%)
- Black (9%)



- Cyan (85%)
- Magenta (55%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2574E9 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 2574E9 by changing the saturation by 10% instead.

 2574E9

 2574E9

FFFFFF

 005CCC

 75A7FF

 0045B0

 95C2FF

 003095

 B4DEFF


 001D7A

 D3FAFF

 000261

 F2FFFF

 000848

 000431

 00011B

 000000

■ 2574E9

■ 2574E9

■ 0E66E9

■ 3C82E9

■ 005EE9

■ 5490E9

■ 6B9EE9

■ 82ACE9

■ 9ABAE9

■ B1C7E9

■ C8D5E9

■ DFE3E9

■ F7F1E9

Harmonies

Analogous

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



0086EA



2574E9



A158C9

Triad

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



2574E9



CC5023



00905B

Complementary

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



2574E9



E99A25

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.



248A1C



2574E9



A76C00

Square

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



2574E9



DE355B



737F00



009297

Rectangle

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



2574E9



C642A8



737F00



008F46

Sweetspot

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



2574E9



BFD9FF



25E997



596980



000000



808080

Same Dimension

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



2574E9



0067FF



3525E9



6A6E75



0049B5



001636

Inverse Universe

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



E92574



FF0067



D9E925



756A6E



B50049



360016

Previews

White Background



This preview shows how the Hex color 2574E9 looks on a white background.

Color Contrast Check

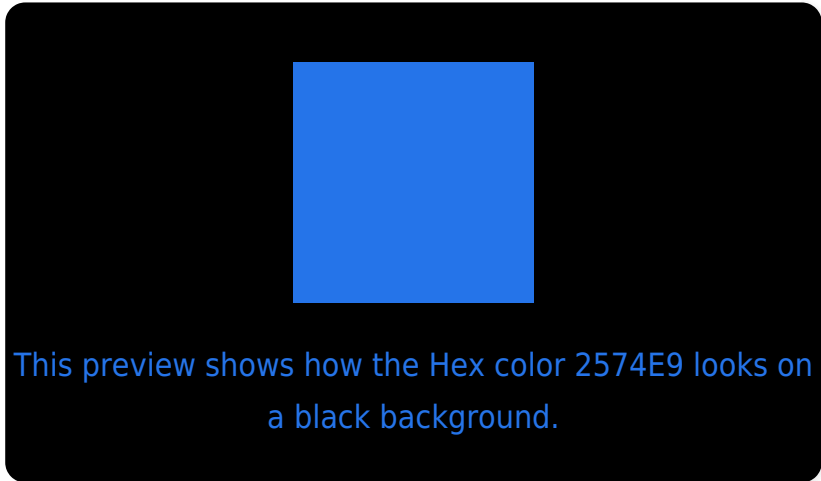
Large Text (above 18pt) WCAG AA ✓ Pass

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

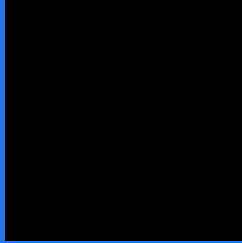
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

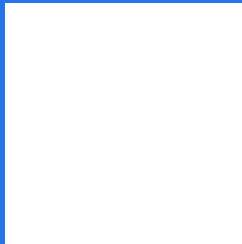
Any Text WCAG AAA × Fail

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

Hex 2574E9 Background



This preview shows how black text looks on a background with the Hex color 2574E9.

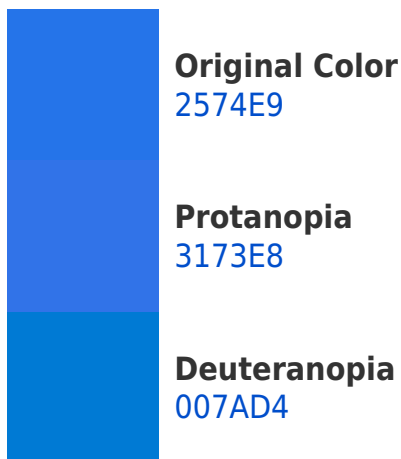


This preview shows how white text looks on a background with the Hex color 2574E9.

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](#).

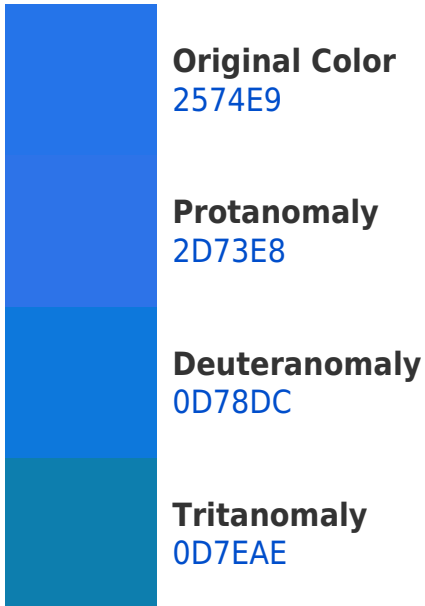
Dichromacy



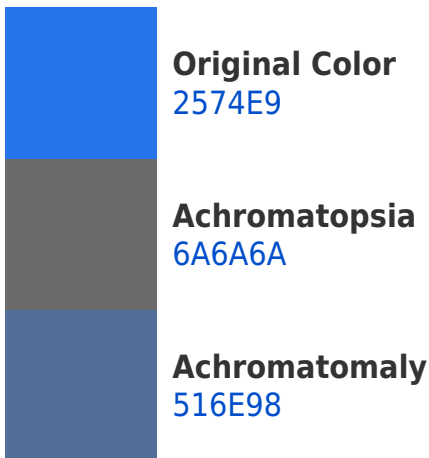


Tritanopia
00848D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2574E9 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 #2574E9 looks like.

```
.text, #text, p{  
    color:#2574E9  
}
```

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 #2574E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2574E9
}
```

Border

The CSS property to change the border of an element to Hex 2574E9 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
#2574E9 }
```

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

```
.border{ border-color:#2574E9 }
```

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

Here you see how a box with a 4 pixel #2574E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2574E9; -webkit-box-shadow:4px 4px  
4px 4px #2574E9; box-shadow:4px 4px 4px  
4px #2574E9 }
```

Background

The CSS property to change the background color of an element to Hex 2574E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2574E9 }
```

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

```
.background{ background-color:#2574E9 }
```

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