

Converting Colors

Hex(2578E8)

Have a look what the booklet for
Hex(2578E8) contains.

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Color

Hex(2578E8)

Conversions

Conversions Part 1

Format	Color
Hex	2578E8
RGB	37, 120, 232
RGB Percent	15%, 47%, 91%
CMY	0.8549, 0.5294, 0.0902
CMYK	0.84, 0.48, 0.00, 0.09
HSL	214°, 81%, 53%
HSV	214°, 84%, 91%
XYZ	22.0449, 19.6525, 78.9753
YIQ	107.9510, -85.4200, 17.2360

Conversions

Conversions Part 2

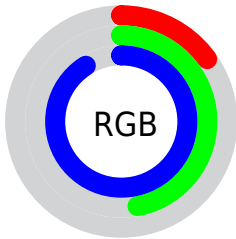
Format	Color
R_{YB}	37, 95, 232
Decimal	2455784
CIE _{Lab}	51.44, 16.51, -63.42
CIE _{LCh}	51, 65.530, 284.589
Yxy	19.6525, 0.1827, 0.1629
Android (android.graphics.Color)	4280645864 (0xFF2578E8)
YUV	107.9510, 61.1562, -62.2240
Hunter-Lab	44.3311, 11.1849, -74.5927

Details

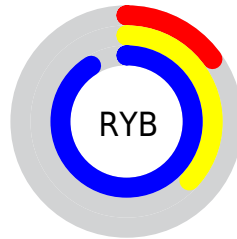
The Hex color **2578E8** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **E89525**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **74ACFF**, and **0049AF** is the 20% darker color. If you saturate the color by 10%, you get **0E6BE8**, and if you desaturate by 10%, it is **3C85E8**.

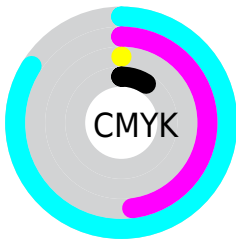
Distribution



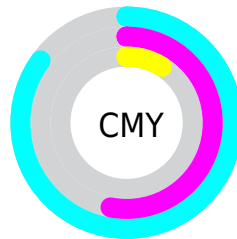
- Red (15%)
- Green (47%)
- Blue (91%)



- Red (15%)
- Yellow (37%)
- Blue (91%)



- Cyan (84%)
- Magenta (48%)
- Yellow (0%)
- Black (9%)



- Cyan (85%)
- Magenta (53%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2578E8 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 2578E8 by changing the saturation by 10% instead.

 2578E8

 2578E8

FFFFFF

 0060CB

 74ACFF

 0049AF

 94C7FF

 003394

 B4E3FF

 00207A

 D3FFFF

 000760

 F2FFFF

 000847

 000430

 00011A

 000000

■ 2578E8

■ 2578E8

■ 0E6BE8

■ 3C85E8

■ 0063E8

■ 5393E8

■ 6BA0E8

■ 82ADE8

■ 99BBE8

■ B0C8E8

■ C7D5E8

■ DFE3E8

■ F6F0E8

Harmonies

Analogous

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



0089E7



2578E8



9F5ECB

Triad

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



2578E8



CE542D



00925B

Complementary

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



2578E8



E89525

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.



358C20



2578E8



AB6D00

Square

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



2578E8



DD3D62



7A8000



009495

Rectangle

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



2578E8



C44BAC



7A8000



009147

Sweetspot

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



2578E8



BFDAFF



25E893



596A80



000000



808080

Same Dimension

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



2578E8



006DFF



3225E8



676C73



004CB3



001633

Inverse Universe

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



E82578



FF006D



DBE825



73676C



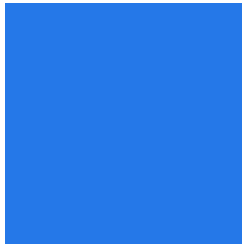
B3004C



330016

Previews

White Background



This preview shows how the Hex color 2578E8 looks on a white background.

Color Contrast Check

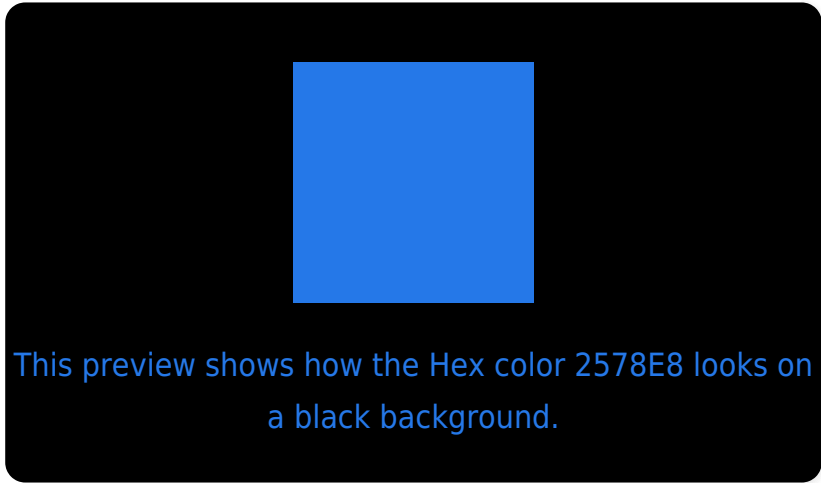
Large Text (above 18pt) WCAG AA ✓ Pass

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

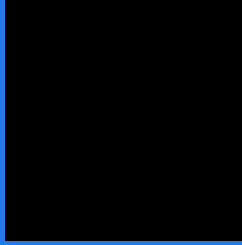
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

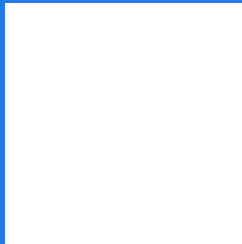
Any Text WCAG AAA × Fail

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

Hex 2578E8 Background



This preview shows how black text looks on a background with the Hex color 2578E8.

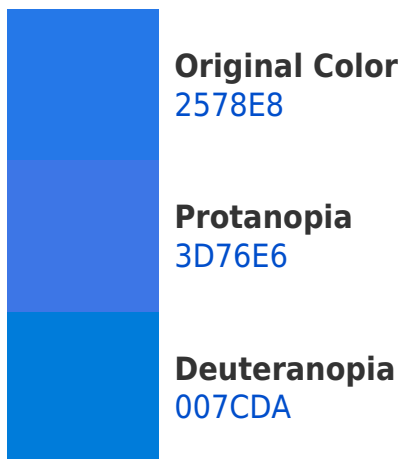


This preview shows how white text looks on a background with the Hex color 2578E8.

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](#).

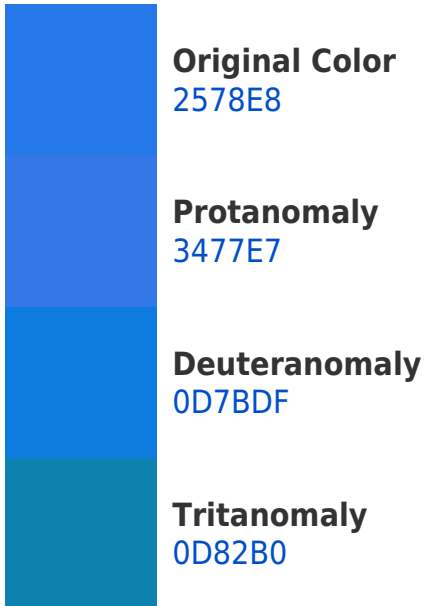
Dichromacy



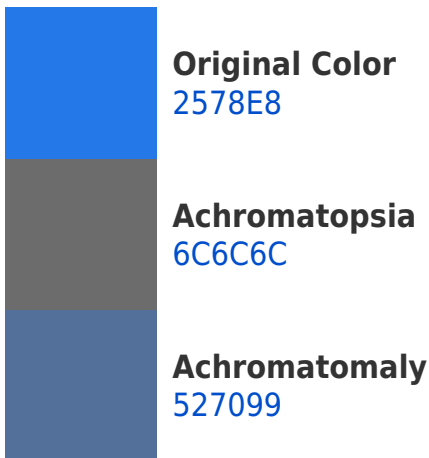


Tritanopia
008790

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2578E8 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 #2578E8 looks like.

```
.text, #text, p{  
    color:#2578E8  
}
```

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 #2578E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2578E8  
}
```

Border

The CSS property to change the border of an element to Hex 2578E8 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  
#2578E8 }
```

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

```
.border{ border-color:#2578E8 }
```

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

Here you see how a box with a 4 pixel #2578E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2578E8; -webkit-box-shadow:4px 4px  
4px 4px #2578E8; box-shadow:4px 4px 4px  
4px #2578E8 }
```

Background

The CSS property to change the background color of an element to Hex 2578E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2578E8 }
```

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

```
.background{ background-color:#2578E8 }
```

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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