

Converting Colors

Hex(2578D1)

Have a look what the booklet for
Hex(2578D1) contains.

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Color

Hex(2578D1)

Conversions

Conversions Part 1

Format	Color
Hex	2578D1
RGB	37, 120, 209
RGB Percent	15%, 47%, 82%
CMY	0.8549, 0.5294, 0.1804
CMYK	0.82, 0.43, 0.00, 0.18
HSL	211°, 70%, 48%
HSV	211°, 82%, 82%
XYZ	18.9880, 18.4297, 62.8781
YIQ	105.3290, -78.0370, 10.0830

Conversions

Conversions Part 2

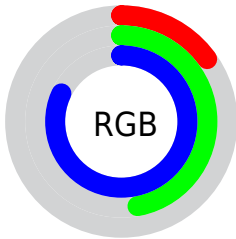
Format	Color
R_{YB}	37, 93, 209
Decimal	2455761
CIE _{Lab}	50.01, 7.75, -52.73
CIE _{LCh}	50, 53.300, 278.363
Yxy	18.4297, 0.1893, 0.1838
Android (android.graphics.Color)	4280645841 (0xFF2578D1)
YUV	105.3290, 51.1098, -59.9245
Hunter-Lab	42.9298, 3.8241, -56.7895

Details

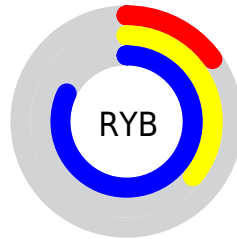
The Hex color **2578D1** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **D17E25**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **6FACFF**, and **00489A** is the 20% darker color. If you saturate the color by 10%, you get **106DD1**, and if you desaturate by 10%, it is **3A83D1**.

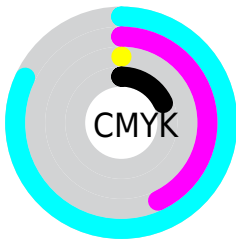
Distribution



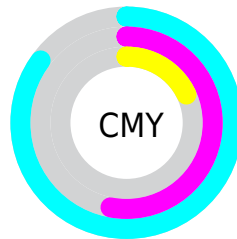
- Red (15%)
- Green (47%)
- Blue (82%)



- Red (15%)
- Yellow (36%)
- Blue (82%)



- Cyan (82%)
- Magenta (43%)
- Yellow (0%)
- Black (18%)



- Cyan (85%)
- Magenta (53%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2578D1 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 2578D1 by changing the saturation by 10% instead.

■ 2578D1

■ 2578D1

FFFFFF

■ 0060B5

■ 6FACFF

■ 00489A

■ 8EC7FF

■ 00337F

■ ACE3FF

■ 001F66

■ CAFFFF

■ 00044D

■ E9FFFF

■ 000535

■ 00021F

■ 000003

■ 000000

■ 2578D1

■ 2578D1

■ 106DD1

■ 3A83D1

■ 0065D1

■ 4F8ED1

■ 6498D1

■ 79A3D1

■ 8EAED1

■ A2B9D1

■ B7C4D1

■ CCCFD1

■ E1D9D1

Harmonies

Analogous

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



0085CB



2578D1



8965BF

Triad

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



2578D1



C25641



008A54

Complementary

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



2578D1



D17E25

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.



51842A



2578D1



A8681D

Square

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



2578D1



C94B6C



82790D



008C83

Rectangle

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



2578D1



AB58A7



82790D



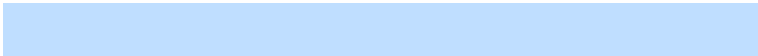
1B8945

Sweetspot

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



2578D1



BFDEFF



25D17E



596C80



000000



808080

Same Dimension

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



2578D1



037CFF



2825D1



5E6369



0051A8



001429

Inverse Universe

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



D12578



FF037C



CED125



695E63



A80051



290014

Previews

White Background



This preview shows how the Hex color 2578D1 looks on a white background.

Color Contrast Check

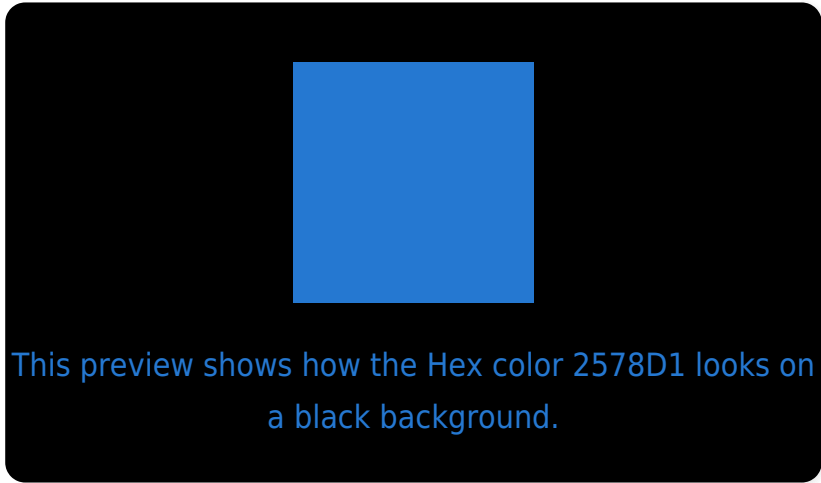
Large Text (above 18pt) WCAG AA ✓ Pass

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

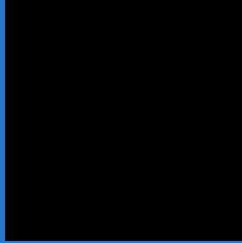
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

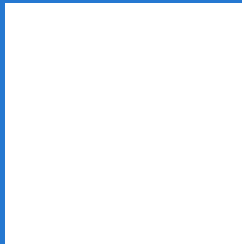
Any Text WCAG AAA × Fail

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

Hex 2578D1 Background



This preview shows how black text looks on a background with the Hex color 2578D1.

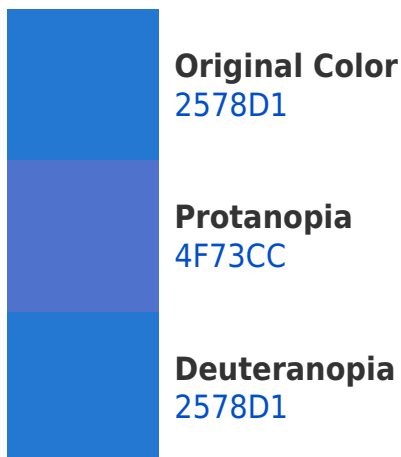


This preview shows how white text looks on a background with the Hex color 2578D1.

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](#).

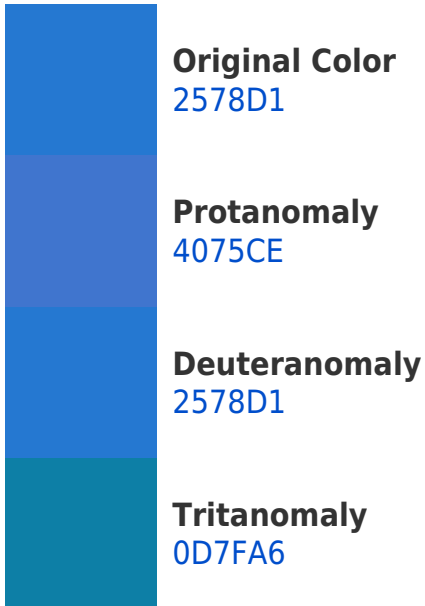
Dichromacy





Tritanopia
00838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2578D1 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 #2578D1 looks like.

```
.text, #text, p{  
    color:#2578D1  
}
```

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 #2578D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2578D1
}
```

Border

The CSS property to change the border of an element to Hex 2578D1 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
#2578D1 }
```

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

```
.border{ border-color:#2578D1 }
```

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

Here you see how a box with a 4 pixel #2578D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2578D1; -webkit-box-shadow:4px 4px  
4px 4px #2578D1; box-shadow:4px 4px 4px  
4px #2578D1 }
```

Background

The CSS property to change the background color of an element to Hex 2578D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2578D1 }
```

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

```
.background{ background-color:#2578D1 }
```

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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