

Converting Colors

Hex(2580C1)

Have a look what the booklet for
Hex(2580C1) contains.

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Color

Hex(2580C1)

Conversions

Conversions Part 1

Format	Color
Hex	2580C1
RGB	37, 128, 193
RGB Percent	15%, 50%, 76%
CMY	0.8549, 0.4980, 0.2431
CMYK	0.81, 0.34, 0.00, 0.24
HSL	205°, 68%, 45%
HSV	205°, 81%, 76%
XYZ	18.1078, 19.6819, 53.2967
YIQ	108.2010, -75.1010, 0.9230

Conversions

Conversions Part 2

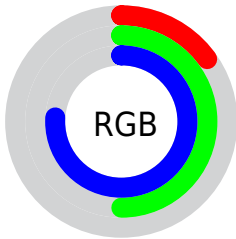
Format	Color
R_{YB}	37, 94, 193
Decimal	2457793
CIE _{Lab}	51.48, -3.14, -41.28
CIE _{LCh}	51, 41.401, 265.651
Yxy	19.6819, 0.1988, 0.2161
Android (android.graphics.Color)	4280647873 (0xFF2580C1)
YUV	108.2010, 41.8059, -62.4433
Hunter-Lab	44.3643, -4.7809, -40.1725

Details

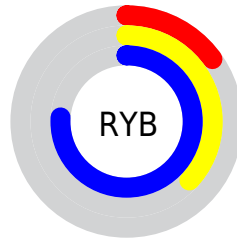
The Hex color **2580C1** is a dark color, and the websafe version is hex **006699**. The color can be described as dark muted azure. A complement of this color would be **C16625**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **6BB5FA**, and **004F8B** is the 20% darker color. If you saturate the color by 10%, you get **1278C1**, and if you desaturate by 10%, it is **3888C1**.

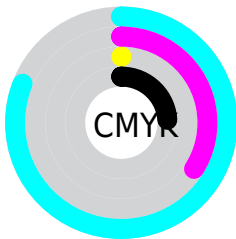
Distribution



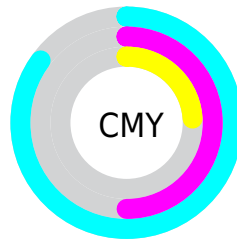
- Red (15%)
- Green (50%)
- Blue (76%)



- Red (15%)
- Yellow (37%)
- Blue (76%)



- Cyan (81%)
- Magenta (34%)
- Yellow (0%)
- Black (24%)



- Cyan (85%)
- Magenta (50%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2580C1 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 2580C1 by changing the saturation by 10% instead.

■ 2580C1

■ 2580C1

FFFFFF

■ 0067A6

■ 6BB5FA

■ 004F8B

■ 8AD0FF

■ 003971

■ A7ECFF

■ 002458

■ C5FFFF

■ 000E41

■ E3FFFF

■ 00032A

■ 000114

■ 000000

■ 2580C1

■ 2580C1

■ 1278C1

■ 3888C1

■ 0071C1

■ 4C90C1

■ 5F98C1

■ 72A0C1

■ 86A8C1

■ 99B0C1

■ ACB8C1

■ BFC0C1

■ D3C8C1

Harmonies

Analogous

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



0088B4



2580C1



7573BB

Triad

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



2580C1



BC5F5E



458951

Complementary

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



2580C1



C16625

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.



718238



2580C1



AE6A41

Square

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



2580C1



B95D81



947732



008C74

Rectangle

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



2580C1



956AAC



947732



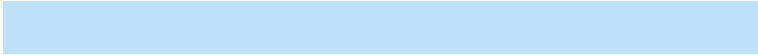
558747

Sweetspot

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



2580C1



BEE1FA



25C166



596E7D



FCFCFC



7D7D7D

Same Dimension

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



2580C1



0795FA



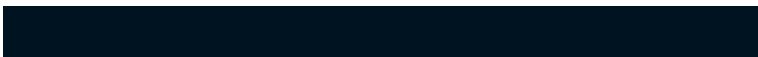
2532C1



575D61



005EA1



001321

Inverse Universe

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



C12580



FA0795



C1B425



61575D



A1005E



210013

Previews

White Background



This preview shows how the Hex color 2580C1 looks on a white background.

Color Contrast Check

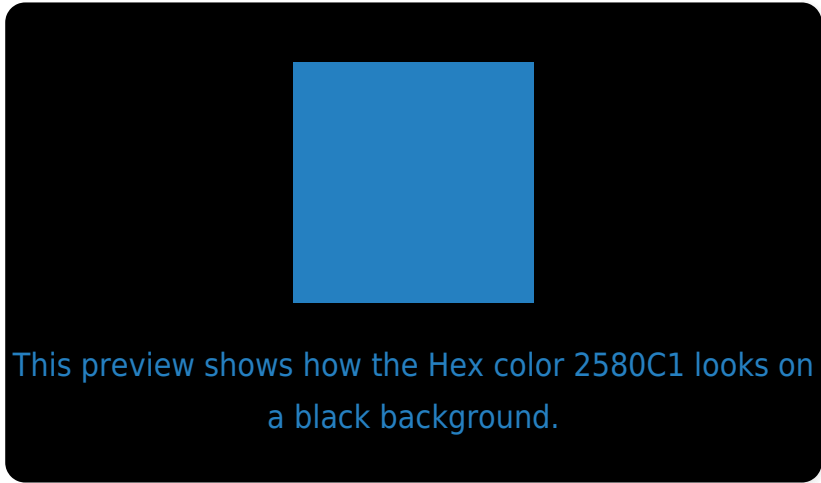
Large Text (above 18pt) WCAG AA ✓ Pass

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

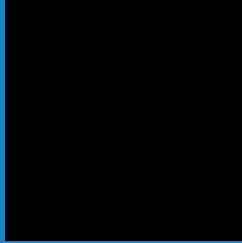
Any Text WCAG AA ✓ Pass

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 2580C1 Background



This preview shows how black text looks on a background with the Hex color 2580C1.

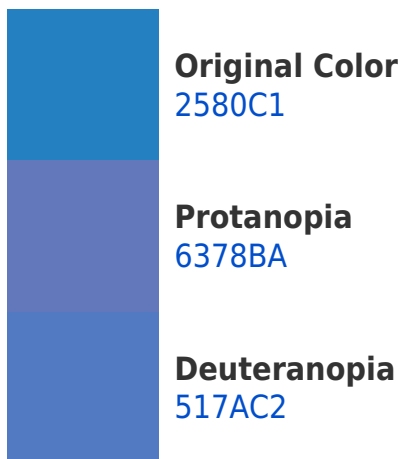


This preview shows how white text looks on a background with the Hex color 2580C1.

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](#).

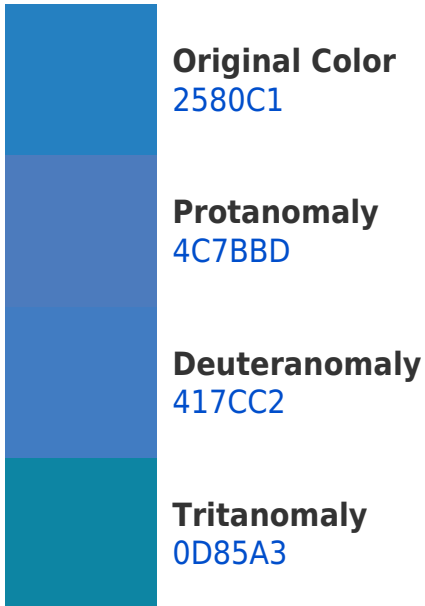
Dichromacy



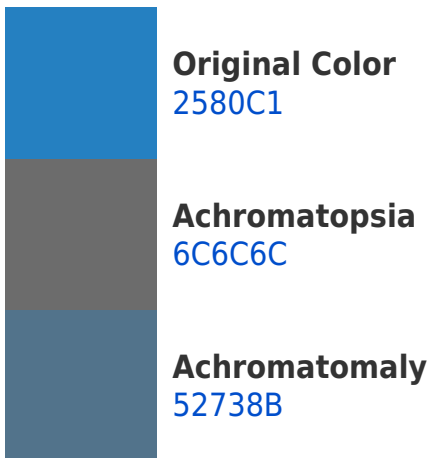


Tritanopia
008892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2580C1 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 #2580C1 looks like.

```
.text, #text, p{  
    color:#2580C1  
}
```

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 #2580C1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2580C1
}
```

Border

The CSS property to change the border of an element to Hex 2580C1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

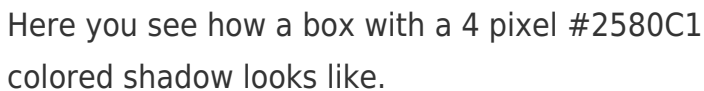
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2580C1 }
```

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

```
.border{ border-color:#2580C1 }
```

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



Here you see how a box with a 4 pixel #2580C1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2580C1; -webkit-box-shadow:4px 4px  
4px 4px #2580C1; box-shadow:4px 4px 4px  
4px #2580C1 }
```

Background

The CSS property to change the background color of an element to Hex 2580C1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2580C1 }
```

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

```
.background{ background-color:#2580C1 }
```

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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