

Converting Colors

Hex(2592D8)

Have a look what the booklet for
Hex(2592D8) contains.

Hex(2592D8)	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(2592D8)

Conversions

Conversions Part 1

Format	Color
Hex	2592D8
RGB	37, 146, 216
RGB Percent	15%, 57%, 85%
CMY	0.8549, 0.4275, 0.1529
CMYK	0.83, 0.32, 0.00, 0.15
HSL	203°, 71%, 50%
HSV	203°, 83%, 85%
XYZ	23.4365, 25.9090, 68.7314
YIQ	121.3890, -87.4340, -1.3380

Conversions

Conversions Part 2

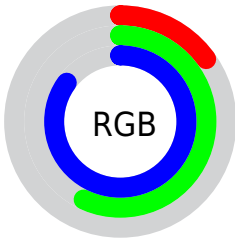
Format	Color
R_{YB}	37, 105, 216
Decimal	2462424
CIE _{Lab}	57.95, -5.22, -44.06
CIE _{LCh}	58, 44.372, 263.249
Yxy	25.9090, 0.1985, 0.2194
Android (android.graphics.Color)	4280652504 (0xFF2592D8)
YUV	121.3890, 46.6432, -74.0092
Hunter-Lab	50.9008, -6.8889, -44.4287

Details

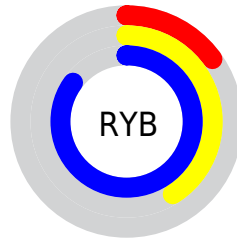
The Hex color **2592D8** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **D86B25**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **71C8FF**, and **0060A1** is the 20% darker color. If you saturate the color by 10%, you get **0F8AD8**, and if you desaturate by 10%, it is **3B9AD8**.

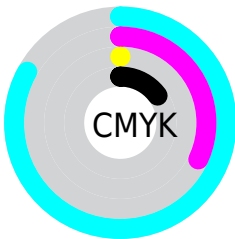
Distribution



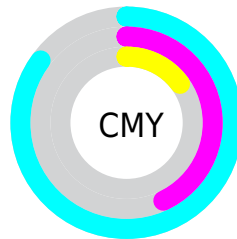
- Red (15%)
- Green (57%)
- Blue (85%)



- Red (15%)
- Yellow (41%)
- Blue (85%)



- Cyan (83%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (85%)
- Magenta (43%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2592D8 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 2592D8 by changing the saturation by 10% instead.

 2592D8

 2592D8

FFFFFF

 0078BC

 71C8FF

 0060A1

 90E4FF

 004886

 AFFFFFF

 00326D

 CDFFFF

 001E54

 ECFFFF

 00063C

 000226

 00010E

 000000

■ 2592D8

■ 2592D8

■ 0F8AD8

■ 3B9AD8

■ 0084D8

■ 50A3D8

■ 66ABD8

■ 7BB4D8

■ 91BCD8

■ A7C5D8

■ BCCDD8

■ D2D6D8

■ E7DED8

Harmonies

Analogous

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



009BC9



2592D8



8085D3

Triad

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



2592D8



D46C6F



559A5B

Complementary

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



2592D8



D86B25

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.



849241



2592D8



C6784E

Square

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



2592D8



CE6B96



AA863C



009E81

Rectangle

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



2592D8



A47AC4



AA863C



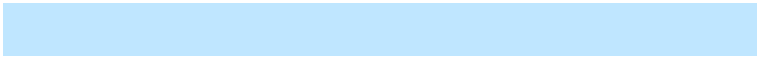
669851

Sweetspot

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



2592D8



BFE6FF



25D86A



597180



000000



808080

Same Dimension

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



2592D8



039CFF



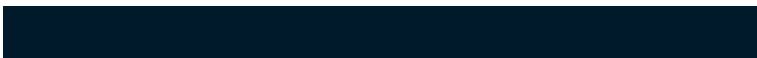
253AD8



60676B



0068AB



001A2B

Inverse Universe

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



D82592



FF039C



D8C325



6B6067



AB0068



2B001A

Previews

White Background



This preview shows how the Hex color 2592D8 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



This preview shows how the Hex color 2592D8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

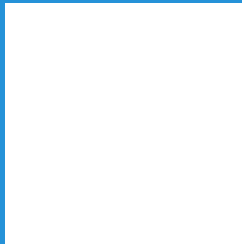
Any Text WCAG AAA × Fail

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

Hex 2592D8 Background



This preview shows how black text looks on a background with the Hex color 2592D8.

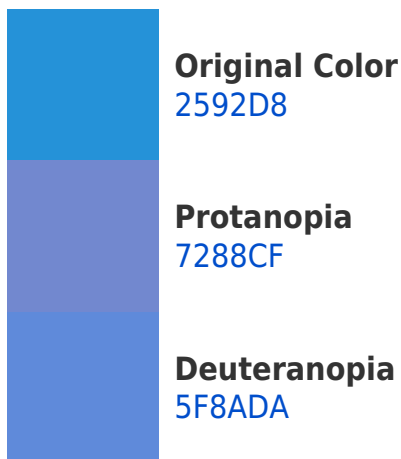


This preview shows how white text looks on a background with the Hex color 2592D8.

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](#).

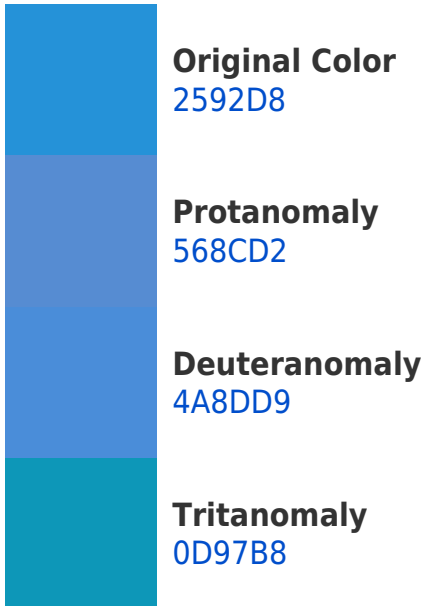
Dichromacy



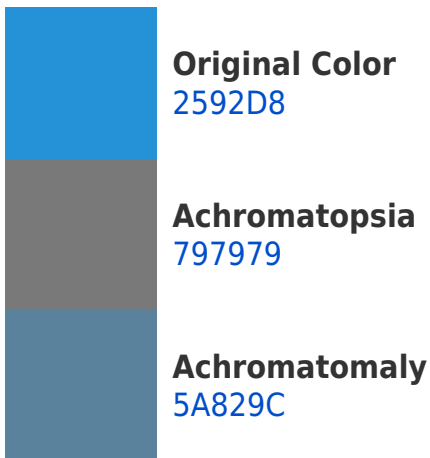


Tritanopia
009AA5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2592D8 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 #2592D8 looks like.

```
.text, #text, p{  
    color:#2592D8  
}
```

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 #2592D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2592D8  
}
```

Border

The CSS property to change the border of an element to Hex 2592D8 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  
#2592D8 }
```

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

```
.border{ border-color:#2592D8 }
```

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

Here you see how a box with a 4 pixel #2592D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2592D8; -webkit-box-shadow:4px 4px  
4px 4px #2592D8; box-shadow:4px 4px 4px  
4px #2592D8 }
```

Background

The CSS property to change the background color of an element to Hex 2592D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2592D8 }
```

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

```
.background{ background-color:#2592D8 }
```

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