

Converting Colors

Hex(2E89D1)

Have a look what the booklet for
Hex(2E89D1) contains.

Hex(2E89D1)	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(2E89D1)

Conversions

Conversions Part 1

Format	Color
Hex	2E89D1
RGB	46, 137, 209
RGB Percent	18%, 54%, 82%
CMY	0.8196, 0.4627, 0.1804
CMYK	0.78, 0.34, 0.00, 0.18
HSL	207°, 64%, 50%
HSV	207°, 78%, 82%
XYZ	21.5810, 23.0756, 63.6382
YIQ	117.9990, -77.3480, 3.1000

Conversions

Conversions Part 2

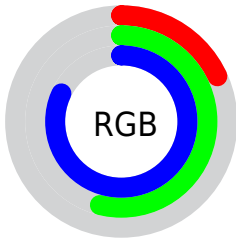
Format	Color
R_{YB}	46, 104, 209
Decimal	3049937
CIE _{Lab}	55.15, -1.65, -44.55
CIE _{LCh}	55, 44.576, 267.881
Yxy	23.0756, 0.1993, 0.2131
Android (android.graphics.Color)	4281240017 (0xFF2E89D1)
YUV	117.9990, 44.8635, -63.1431
Hunter-Lab	48.0371, -3.8725, -44.9198

Details

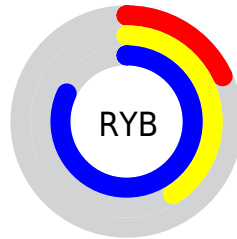
The Hex color **2E89D1** is a dark color, and the websafe version is hex **6699CC**. The color can be described as dark washed azure. A complement of this color would be **D1762E**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **73BEFF**, and **00589A** is the 20% darker color. If you saturate the color by 10%, you get **1980D1**, and if you desaturate by 10%, it is **4392D1**.

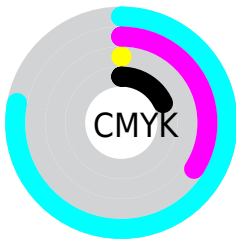
Distribution



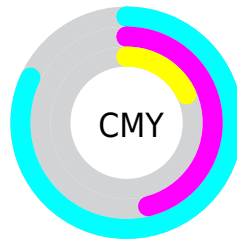
- Red (18%)
- Green (54%)
- Blue (82%)



- Red (18%)
- Yellow (41%)
- Blue (82%)



- Cyan (78%)
- Magenta (34%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (46%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2E89D1 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 2E89D1 by changing the saturation by 10% instead.

■ 2E89D1

■ 2E89D1

FFFFFF

■ 0070B5

■ 73BEFF

■ 00589A

■ 92DAFF

■ 004180

■ B0F6FF

■ 002B66

■ CEFFFF

■ 00174E

■ EDFFFF

■ 000536

■ 000220

■ 000004

■ 000000

■ 2E89D1

■ 2E89D1

■ 1980D1

■ 4392D1

■ 0477D1

■ 589BD1

■ 0075D1

■ 6DA5D1

■ 82AED1

■ 97B7D1

■ ABC0D1

■ C0CAD1

■ D5D3D1

■ EADCD1

Harmonies

Analogous

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



0092C5



2E89D1



827BC8

Triad

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



2E89D1



CB6662



459459

Complementary

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



2E89D1



D1762E

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.



768C3C



2E89D1



BA7343

Square

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



2E89D1



C96388



9D8134



009780

Rectangle

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



2E89D1



A471B8



9D8134



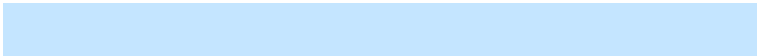
57924E

Sweetspot

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



2E89D1



C4E5FF



2ED175



5C7080



000000



808080

Same Dimension

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



2E89D1



0F95FF



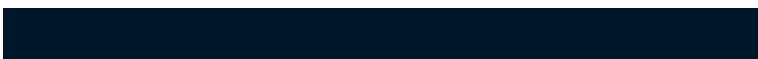
2E39D1



5E6469



005EA8



001729

Inverse Universe

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



D12E89



FF0F95



D1C62E



695E64



A8005E



290017

Previews

White Background



This preview shows how the Hex color 2E89D1 looks on a white background.

Color Contrast Check

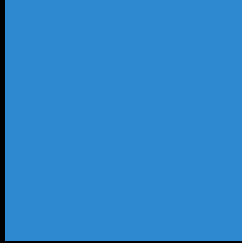
Large Text (above 18pt) WCAG AA ✓ Pass

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 2E89D1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

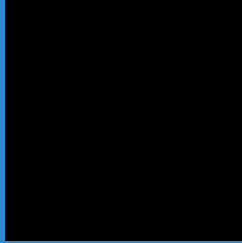
Any Text WCAG AA ✓ Pass

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 2E89D1 Background



This preview shows how black text looks on a background with the Hex color 2E89D1.

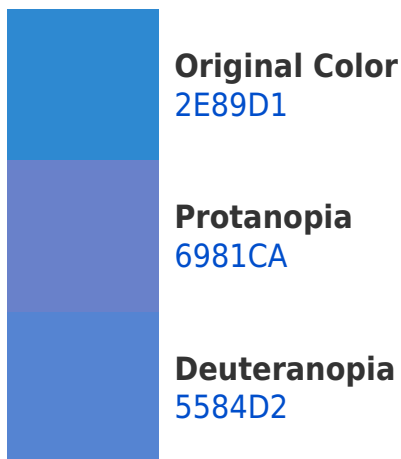


This preview shows how white text looks on a background with the Hex color 2E89D1.

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](#).

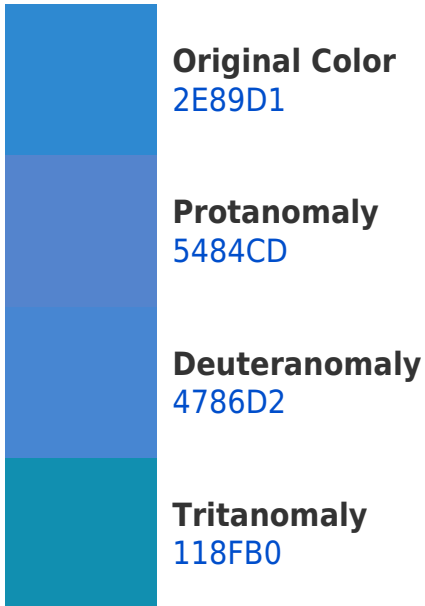
Dichromacy



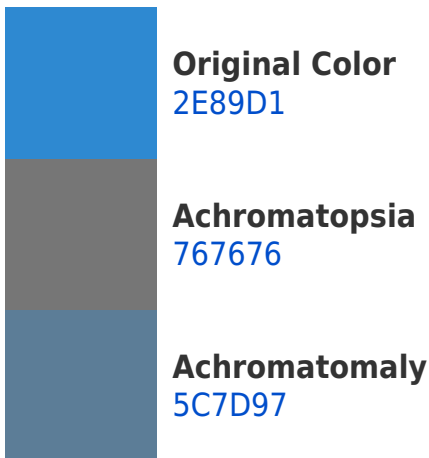


Tritanopia
00929D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2E89D1 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 #2E89D1 looks like.

```
.text, #text, p{  
    color:#2E89D1  
}
```

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 #2E89D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2E89D1
}
```

Border

The CSS property to change the border of an element to Hex 2E89D1 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
#2E89D1 }
```

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

```
.border{ border-color:#2E89D1 }
```

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

Here you see how a box with a 4 pixel #2E89D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2E89D1; -webkit-box-shadow:4px 4px  
4px 4px #2E89D1; box-shadow:4px 4px 4px  
4px #2E89D1 }
```

Background

The CSS property to change the background color of an element to Hex 2E89D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2E89D1 }
```

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

```
.background{ background-color:#2E89D1 }
```

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