

Converting Colors

Hex(2F89B7)

Have a look what the booklet for
Hex(2F89B7) contains.

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Color

Hex(2F89B7)

Conversions

Conversions Part 1

Format	Color
Hex	2F89B7
RGB	47, 137, 183
RGB Percent	18%, 54%, 72%
CMY	0.8157, 0.4627, 0.2824
CMYK	0.74, 0.25, 0.00, 0.28
HSL	200°, 59%, 45%
HSV	200°, 74%, 72%
XYZ	18.6652, 21.9146, 48.0459
YIQ	115.3340, -68.4060, -4.7740

Conversions

Conversions Part 2

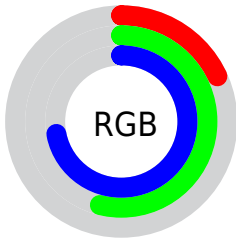
Format	Color
R _Y B	47, 101, 183
Decimal	3115447
CIE Lab	53.94, -10.82, -31.68
CIE LCh	54, 33.481, 251.140
Yxy	21.9146, 0.2106, 0.2473
Android (android.graphics.Color)	4281305527 (0xFF2F89B7)
YUV	115.3340, 33.3593, -59.9289
Hunter-Lab	46.8130, -10.7515, -28.0825

Details

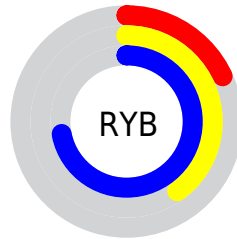
The Hex color **2F89B7** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **B75D2F**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **6FBEEF**, and **005782** is the 20% darker color. If you saturate the color by 10%, you get **1D83B7**, and if you desaturate by 10%, it is **418FB7**.

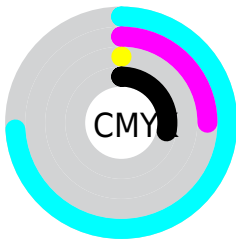
Distribution



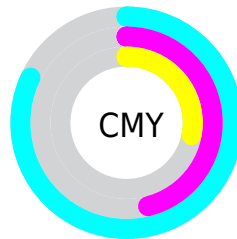
- Red (18%)
- Green (54%)
- Blue (72%)



- Red (18%)
- Yellow (40%)
- Blue (72%)



- Cyan (74%)
- Magenta (25%)
- Yellow (0%)
- Black (28%)



- Cyan (82%)
- Magenta (46%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2F89B7 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 2F89B7 by changing the saturation by 10% instead.

■ 2F89B7

■ 2F89B7

FFFFFF

■ 00709C

■ 6FBEEF

■ 005782

■ 8DDAFF

■ 004068

■ AAF7FF

■ 002A50

■ C8FFFF

■ 001739

■ E6FFFF

■ 000223

■ 00000A

■ 000000

■ 2F89B7

■ 2F89B7

■ 1D83B7

■ 418FB7

■ 0A7DB7

■ 5495B7

■ 0079B7

■ 669CB7

■ 78A2B7

■ 8BA8B7

■ 9DAEB7

■ AFB4B7

■ C1BBB7

■ D4C1B7

Harmonies

Analogous

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



008EA6



2F89B7



6880B9

Triad

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



2F89B7



B96A77



698A54

Complementary

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



2F89B7



B75D2F

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.



898347



2F89B7



B46F5C

Square

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



2F89B7



AD6D94



A3794A



448F6D

Rectangle

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



2F89B7



8579B2



A3794A



74884E

Sweetspot

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



2F89B7



B9DCED



2FB75C



596D78



F7F7F7



787878

Same Dimension

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



2F89B7



1AA6ED



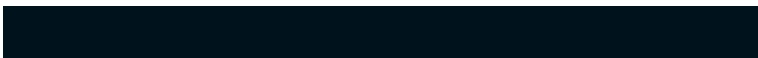
2F46B7



53595C



00679C



00131C

Inverse Universe

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



B72F89



ED1AA6



B7A02F



5C5359



9C0067



1C0013

Previews

White Background



This preview shows how the Hex color 2F89B7 looks on a white background.

Color Contrast Check

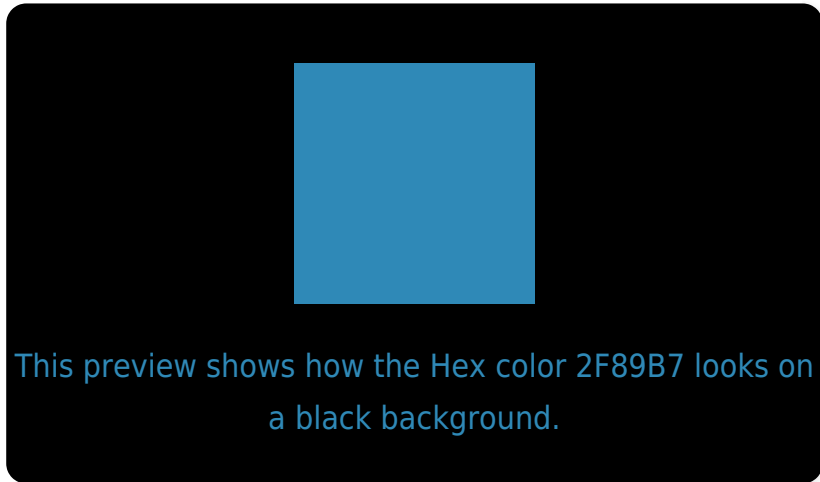
Large Text (above 18pt) WCAG AA ✓ Pass

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

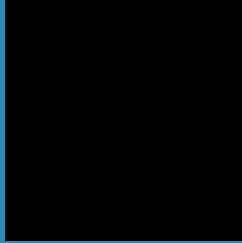
Any Text WCAG AA ✓ Pass

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 2F89B7 Background



This preview shows how black text looks on a background with the Hex color 2F89B7.

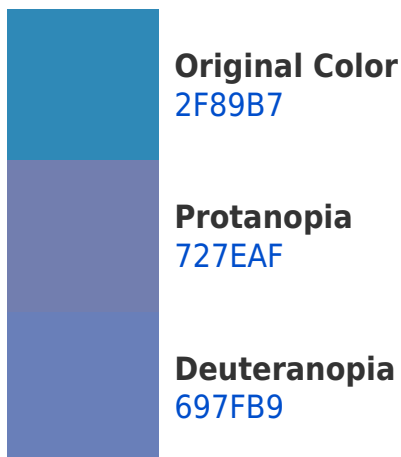


This preview shows how white text looks on a background with the Hex color 2F89B7.

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](#).

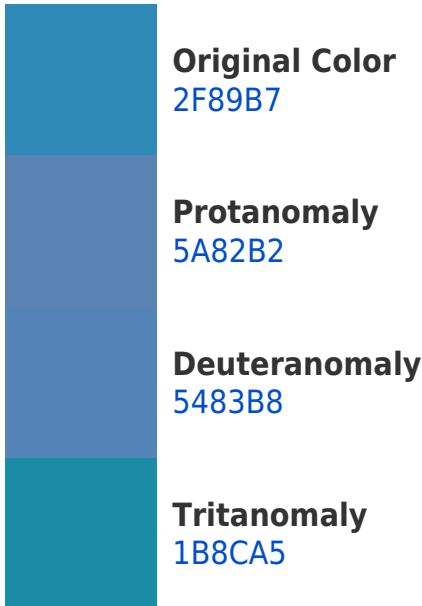
Dichromacy





Tritanopia
0F8E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2F89B7 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 #2F89B7 looks like.

```
.text, #text, p{  
    color:#2F89B7  
}
```

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 #2F89B7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2F89B7
}
```

Border

The CSS property to change the border of an element to Hex 2F89B7 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
#2F89B7 }
```

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

```
.border{ border-color:#2F89B7 }
```

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

Here you see how a box with a 4 pixel #2F89B7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2F89B7; -webkit-box-shadow:4px 4px  
4px 4px #2F89B7; box-shadow:4px 4px 4px  
4px #2F89B7 }
```

Background

The CSS property to change the background color of an element to Hex 2F89B7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2F89B7 }
```

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

```
.background{ background-color:#2F89B7 }
```

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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