

Converting Colors

Hex(4FB283)

Have a look what the booklet for
Hex(4FB283) contains.

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Color

Hex(4FB283)

Conversions

Conversions Part 1

Format	Color
Hex	4FB283
RGB	79, 178, 131
RGB Percent	31%, 70%, 51%
CMY	0.6902, 0.3020, 0.4863
CMYK	0.56, 0.00, 0.26, 0.30
HSL	152°, 39%, 50%
HSV	152°, 56%, 70%
XYZ	23.2416, 35.1417, 27.0308
YIQ	143.0410, -43.9170, -35.6050

Conversions

Conversions Part 2

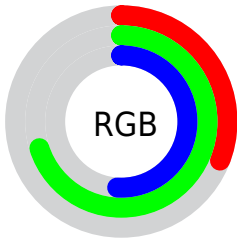
Format	Color
RYB	79, 144, 178
Decimal	5223043
CIELab	65.86, -40.18, 15.44
CIELCh	66, 43.039, 158.980
Yxy	35.1417, 0.2721, 0.4114
Android (android.graphics.Color)	4283413123 (0xFF4FB283)
YUV	143.0410, -5.9362, -56.1640
Hunter-Lab	59.2805, -33.7579, 14.4612

Details

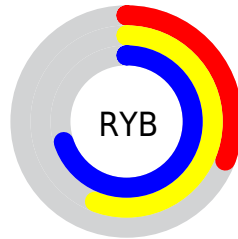
The Hex color **4FB283** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B24F7E**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **87EAB8**, and **057C51** is the 20% darker color. If you saturate the color by 10%, you get **3DB27B**, and if you desaturate by 10%, it is **61B28B**.

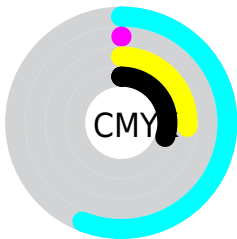
Distribution



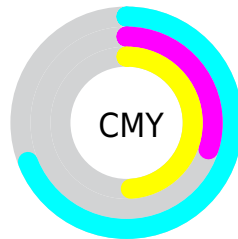
- Red (31%)
- Green (70%)
- Blue (51%)



- Red (31%)
- Yellow (56%)
- Blue (70%)



- Cyan (56%)
- Magenta (0%)
- Yellow (26%)
- Black (30%)



- Cyan (69%)
- Magenta (30%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Hex color 4FB283 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 4FB283 by changing the saturation by 10% instead.

 4FB283

 4FB283

FFFFFF

 31976A

 87EAB8

 057C51

 A4FFD4

 00633A

 C0FFF0

 004A24

 DEFFFF

 00330F

 FBFFFF

 001D00

 000000

 4FB283

 4FB283

 3DB27B

 61B28B

 2BB272

 73B294

 1AB26A

 84B29C

 08B261

 96B2A5

 00B25D

 A8B2AD

 BAB2B6

 CCB2BE

 DDB2C7

 EFB2CF

Harmonies

Analogous

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



83AC62



4FB283



00B4AB

Triad

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



4FB283



77A0EC



E48771

Complementary

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



4FB283



B24F7E

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.



E98096



4FB283



B391DC

Square

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



4FB283



06ABE7



D985BD



CF9458

Rectangle

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



4FB283



00B3C4



D985BD



E8847D

Sweetspot

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



4FB283



C1E8D5



7FB24F



5E756A



F5F5F5



757575

Same Dimension

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



4FB283



4DE89E



4FB0B2



505955



009950



001A0D

Inverse Universe

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



B24F7E



E84D96



B2514F



595055



990049



1A000C

Previews

White Background



This preview shows how the Hex color 4FB283 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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

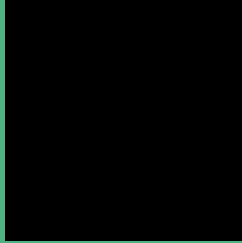
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Hex 4FB283 Background



This preview shows how black text looks on a background with the Hex color 4FB283.

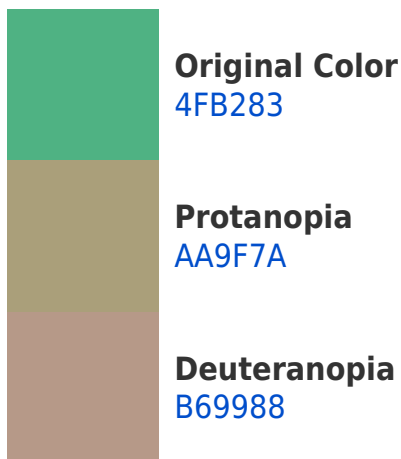


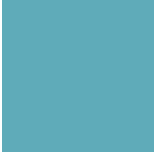
This preview shows how white text looks on a background with the Hex color 4FB283.

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
5FABB9

Trichromacy



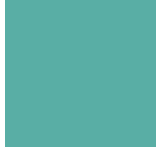
Original Color
4FB283



Protanomaly
89A67D



Deuteranomaly
91A286



Tritanomaly
59AEA5

Monochromacy



Original Color
4FB283



Achromatopsia
8F8F8F



Achromatomaly
789C8B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4FB283 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 #4FB283 looks like.

```
.text, #text, p{  
    color:#4FB283  
}
```

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 #4FB283 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4FB283
}
```

Border

The CSS property to change the border of an element to Hex 4FB283 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
#4FB283 }
```

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

```
.border{ border-color:#4FB283 }
```

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

Here you see how a box with a 4 pixel #4FB283 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4FB283; -webkit-box-shadow:4px 4px  
4px 4px #4FB283; box-shadow:4px 4px 4px  
4px #4FB283 }
```

Background

The CSS property to change the background color of an element to Hex 4FB283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4FB283 }
```

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

```
.background{ background-color:#4FB283 }
```

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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