

Converting Colors

Hex(7286CF)

Have a look what the booklet for
Hex(7286CF) contains.

Hex(7286CF)	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(7286CF)

Conversions

Conversions Part 1

Format	Color
Hex	7286CF
RGB	114, 134, 207
RGB Percent	45%, 53%, 81%
CMY	0.5529, 0.4745, 0.1882
CMYK	0.45, 0.35, 0.00, 0.19
HSL	227°, 49%, 63%
HSV	227°, 45%, 81%
XYZ	26.7270, 25.1326, 62.4739
YIQ	136.3420, -35.3530, 18.4630

Conversions

Conversions Part 2

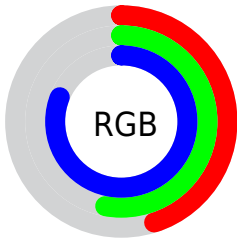
Format	Color
RYB	114, 130, 207
Decimal	7505615
CIELab	57.20, 12.04, -39.98
CIElCh	57, 41.750, 286.756
Yxy	25.1326, 0.2338, 0.2198
Android (android.graphics.Color)	4285695695 (0xFF7286CF)
YUV	136.3420, 34.8344, -19.5939
Hunter-Lab	50.1324, 7.4317, -38.7932

Details

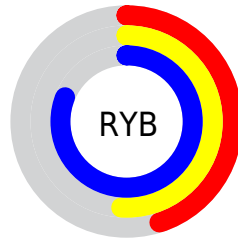
The Hex color **7286CF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **CFBB72**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **AABBFF**, and **3B5598** is the 20% darker color. If you saturate the color by 10%, you get **5D76CF**, and if you desaturate by 10%, it is **8796CF**.

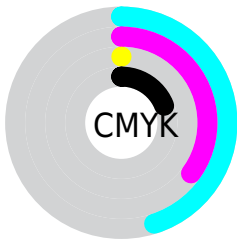
Distribution



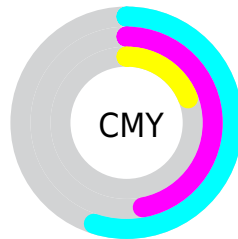
- Red (45%)
- Green (53%)
- Blue (81%)



- Red (45%)
- Yellow (51%)
- Blue (81%)



- Cyan (45%)
- Magenta (35%)
- Yellow (0%)
- Black (19%)



- Cyan (55%)
- Magenta (47%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7286CF 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 7286CF by changing the saturation by 10% instead.

 7286CF

 7286CF

FFFFFF

 576DB3

 AABBF

 3B5598

 C6D7FF

 1B3E7E

 E3F3FF

 002865

 00154C

 000535

 00021F

 000002

 000000

 7286CF

 7286CF

 5D76CF

 8796CF

 4966CF

 9BA6CF

 3455CF

 B0B7CF

 1F45CF

 C5C7CF

 0B35CF

 DAD7CF

 002DCF

 EEE7CF

 FFF8CF

 FFFF CF

Harmonies

Analogous

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



0E92D0



7286CF



A678BC

Triad

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



7286CF



C57456



249B77

Complementary

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



7286CF



CFBB72

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.



629656



7286CF



AD8241

Square

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



7286CF



CE6C76



8B8E41



009C9D

Rectangle

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



7286CF



BD70A7



8B8E41



3E9A6B

Sweetspot

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



7286CF



DEE5FF



72CFBB



6B6F80



000000



808080

Same Dimension

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



7286CF



7593FF



8C72CF



5E6069



0024A8



000929

Inverse Universe

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



CF7286



FF7593



B5CF72



695E60



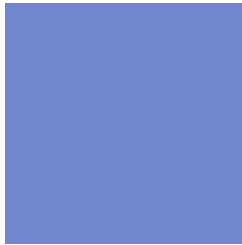
A80024



290009

Previews

White Background



This preview shows how the Hex color 7286CF looks on a white background.

Color Contrast Check

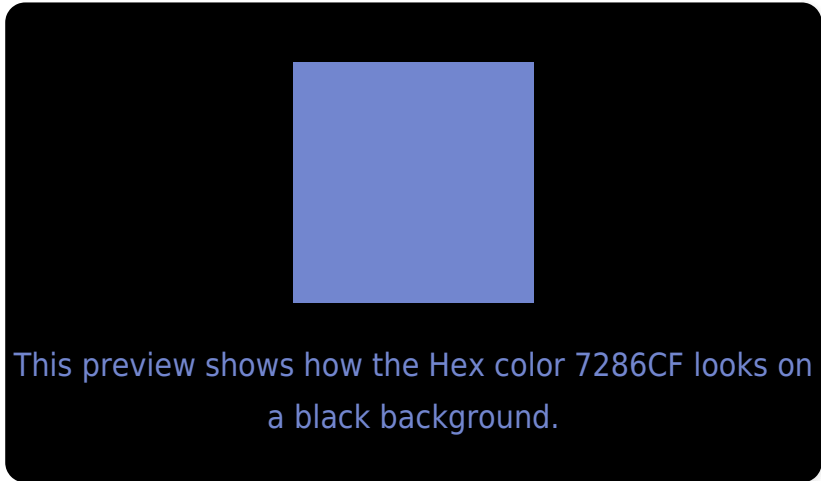
Large Text (above 18pt) WCAG AA ✓ Pass

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

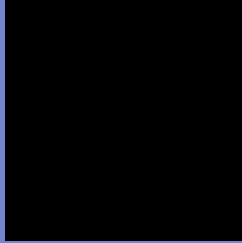
Any Text WCAG AA ✓ Pass

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 7286CF Background



This preview shows how black text looks on a background with the Hex color 7286CF.

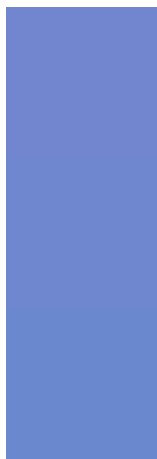


This preview shows how white text looks on a background with the Hex color 7286CF.

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



Original Color
7286CF

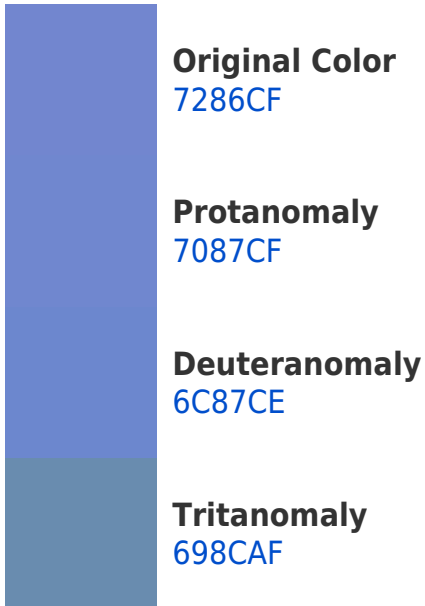
Protanopia
6F87CF

Deuteranopia
6988CE



Tritanopia
64909C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 7286CF 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 #7286CF looks like.

```
.text, #text, p{  
    color:#7286CF  
}
```

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 #7286CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7286CF
}
```

Border

The CSS property to change the border of an element to Hex 7286CF 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
#7286CF }
```

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

```
.border{ border-color:#7286CF }
```

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

Here you see how a box with a 4 pixel #7286CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7286CF; -webkit-box-shadow:4px 4px  
4px 4px #7286CF; box-shadow:4px 4px 4px  
4px #7286CF }
```

Background

The CSS property to change the background color of an element to Hex 7286CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7286CF }
```

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

```
.background{ background-color:#7286CF }
```

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