

Converting Colors

Hex(2866CC)

Have a look what the booklet for
Hex(2866CC) contains.

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Color

Hex(2866CC)

Conversions

Conversions Part 1

Format	Color
Hex	2866CC
RGB	40, 102, 204
RGB Percent	16%, 40%, 80%
CMY	0.8431, 0.6000, 0.2000
CMYK	0.80, 0.50, 0.00, 0.20
HSL	217°, 67%, 48%
HSV	217°, 80%, 80%
XYZ	16.5255, 14.3135, 59.0185
YIQ	95.0900, -69.6940, 18.5780

Conversions

Conversions Part 2

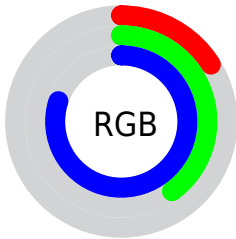
Format	Color
RYB	40, 85, 204
Decimal	2647756
CIELab	44.68, 17.52, -58.45
CIELCh	45, 61.019, 286.685
Yxy	14.3135, 0.1839, 0.1593
Android (android.graphics.Color)	4280837836 (0xFF2866CC)
YUV	95.0900, 53.6926, -48.3139
Hunter-Lab	37.8332, 11.7607, -66.0073

Details

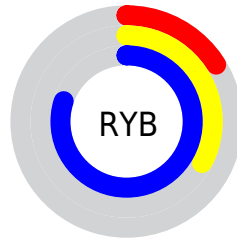
The Hex color **2866CC** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **CC8E28**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **7098FF**, and **003895** is the 20% darker color. If you saturate the color by 10%, you get **1459CC**, and if you desaturate by 10%, it is **3C73CC**.

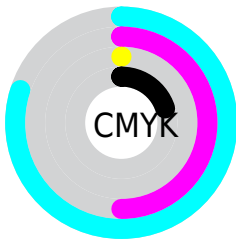
Distribution



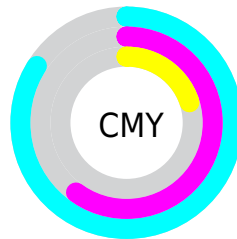
- Red (16%)
- Green (40%)
- Blue (80%)



- Red (16%)
- Yellow (33%)
- Blue (80%)



- Cyan (80%)
- Magenta (50%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2866CC 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 2866CC by changing the saturation by 10% instead.

 2866CC

 2866CC

FFFFFF

 004EB0

 7098FF

 003895

 8EB3FF

 00247A

 ACCEFF

 001161

 CBEAFF

 000848

 E9FFFF

 000431

 00011B

 000000

 2866CC

 2866CC

■ 1459CC

■ 3C73CC

■ 004DCC

■ 517FCC

■ 658CCC

■ 7A99CC

■ 8EA5CC

■ A2B2CC

■ B7BFCC

■ CBCCCC

■ E0D8CC

Harmonies

Analogous

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



0076CD



2866CC



8E4EB0

Triad

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



2866CC



B3481F



007F50

Complementary

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



2866CC



CC8E28

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.



217A1B



2866CC



925F00

Square

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



2866CC



C23150



657000



008085

Rectangle

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



2866CC



AE3C93



657000



007E3F

Sweetspot

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



2866CC



C2D9FF



28CC8D



5B6980



000000



808080

Same Dimension

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



2866CC



0A67FF



3B28CC



5C6066



003FA6



000E26

Inverse Universe

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



CC2866



FF0A67



B9CC28



665C60



A6003F



26000E

Previews

White Background



This preview shows how the Hex color 2866CC looks on a white background.

Color Contrast Check

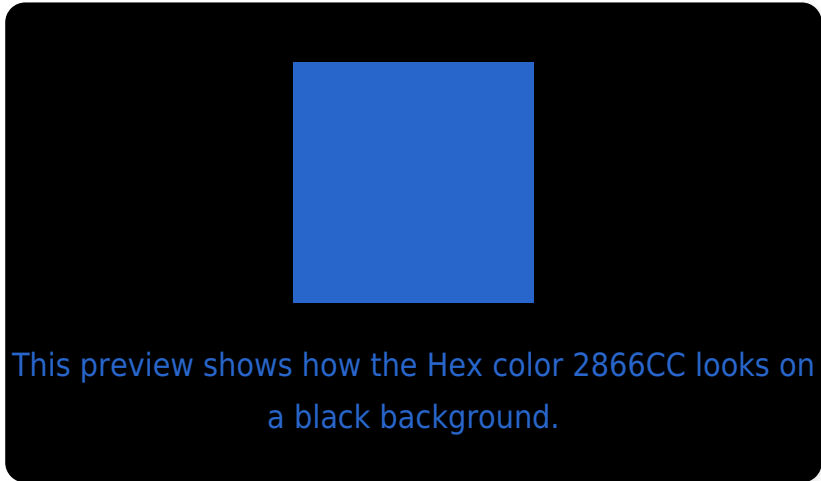
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

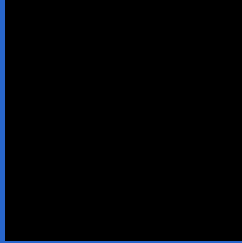
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

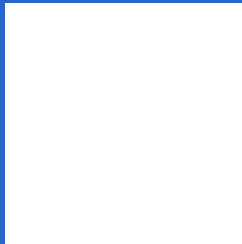
Any Text WCAG AAA × Fail

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

Hex 2866CC Background



This preview shows how black text looks on a background with the Hex color 2866CC.



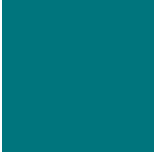
This preview shows how white text looks on a background with the Hex color 2866CC.

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](#).

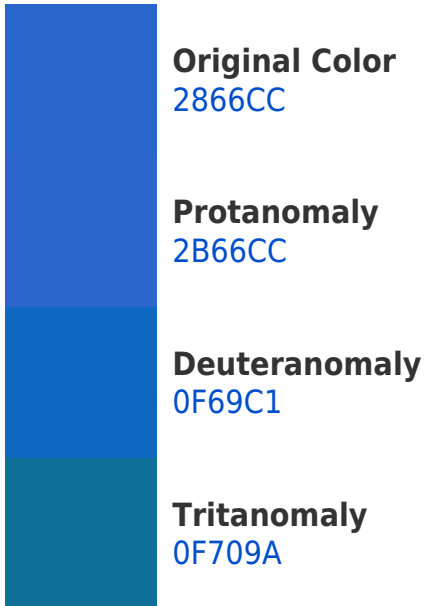
Dichromacy



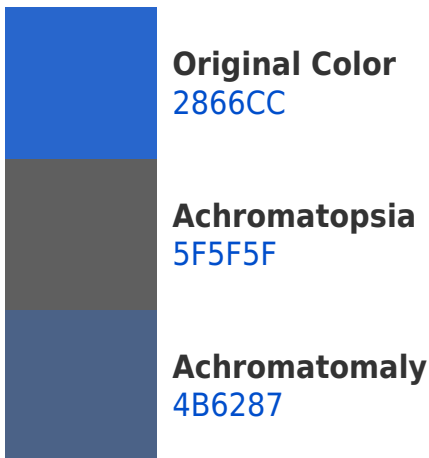


Tritanopia
00757D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2866CC 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 #2866CC looks like.

```
.text, #text, p{  
    color:#2866CC  
}
```

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 #2866CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2866CC  
}
```

Border

The CSS property to change the border of an element to Hex 2866CC 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  
#2866CC }
```

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

```
.border{ border-color:#2866CC }
```

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

Here you see how a box with a 4 pixel #2866CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2866CC; -webkit-box-shadow:4px 4px  
4px 4px #2866CC; box-shadow:4px 4px 4px  
4px #2866CC }
```

Background

The CSS property to change the background color of an element to Hex 2866CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2866CC }
```

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

```
.background{ background-color:#2866CC }
```

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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