

Converting Colors

Hex(2D8EBF)

Have a look what the booklet for
Hex(2D8EBF) contains.

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Color

Hex(2D8EBF)

Conversions

Conversions Part 1

Format	Color
Hex	2D8EBF
RGB	45, 142, 191
RGB Percent	18%, 56%, 75%
CMY	0.8235, 0.4431, 0.2510
CMYK	0.76, 0.26, 0.00, 0.25
HSL	200°, 62%, 46%
HSV	200°, 76%, 75%
XYZ	20.1592, 23.6655, 52.7956
YIQ	118.5830, -73.5410, -5.3250

Conversions

Conversions Part 2

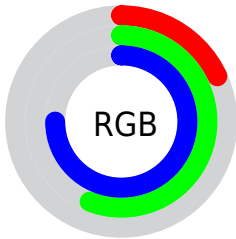
Format	Color
R_{YB}	45, 103, 191
Decimal	2985663
CIE _{Lab}	55.75, -11.09, -33.41
CIE _{LCh}	56, 35.207, 251.638
Yxy	23.6655, 0.2086, 0.2449
Android (android.graphics.Color)	4281175743 (0xFF2D8EBF)
YUV	118.5830, 35.7016, -64.5323
Hunter-Lab	48.6472, -11.1630, -30.2930

Details

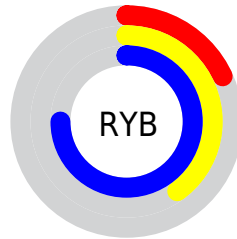
The Hex color **2D8EBF** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BF5E2D**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **70C4F8**, and **005C89** is the 20% darker color. If you saturate the color by 10%, you get **1A88BF**, and if you desaturate by 10%, it is **4094BF**.

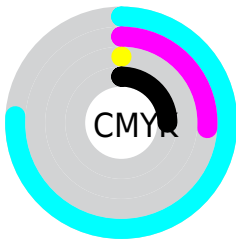
Distribution



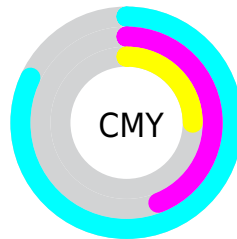
- Red (18%)
- Green (56%)
- Blue (75%)



- Red (18%)
- Yellow (40%)
- Blue (75%)



- Cyan (76%)
- Magenta (26%)
- Yellow (0%)
- Black (25%)



- Cyan (82%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D8EBF 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 2D8EBF by changing the saturation by 10% instead.

■ 2D8EBF

■ 2D8EBF

FFFFFF

■ 0074A4

■ 70C4F8

■ 005C89

■ 8EE0FF

■ 004470

■ ABFCFF

■ 002E57

■ C9FFFF

■ 001B3F

■ E7FFFF

■ 000329

■ 000113

■ 000000

■ 2D8EBF

■ 2D8EBF

■ 1A88BF

■ 4094BF

■ 0781BF

■ 539BBF

■ 007FBF

■ 66A1BF

■ 79A8BF

■ 8DAEBF

■ A0B4BF

■ B3BBBF

■ C6C1BF

■ D9C8BF

Harmonies

Analogous

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



0094AD



2D8EBF



6B85C1

Triad

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



2D8EBF



C06D7B



6C9057

Complementary

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



2D8EBF



BF5E2D

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.



8D8848



2D8EBF



BB735E

Square

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



2D8EBF



B5709A



A97D4C



439471

Rectangle

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



2D8EBF



8B7DBA



A97D4C



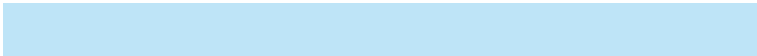
788D50

Sweetspot

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



2D8EBF



BEE4F7



2DBF5E



5A717D



FCFCFC



7D7D7D

Same Dimension

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



2D8EBF



14ABF7



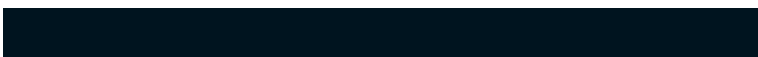
2D45BF



555B5E



00699E



00141F

Inverse Universe

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



BF2D8E



F714AB



BFA72D



5E555B



9E0069



1F0014

Previews

White Background



This preview shows how the Hex color 2D8EBF looks on a white background.

Color Contrast Check

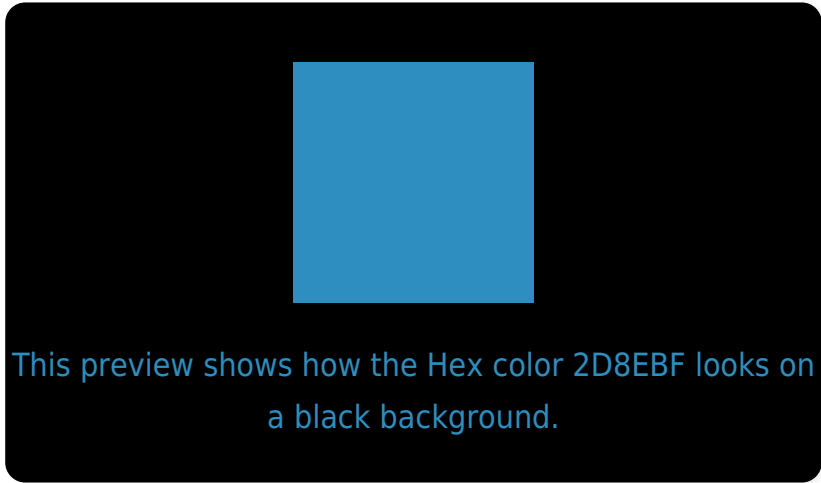
Large Text (above 18pt) WCAG AA ✓ Pass

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 2D8EBF Background



This preview shows how black text looks on a background with the Hex color 2D8EBF.



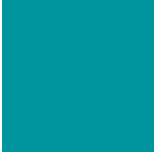
This preview shows how white text looks on a background with the Hex color 2D8EBF.

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](#).

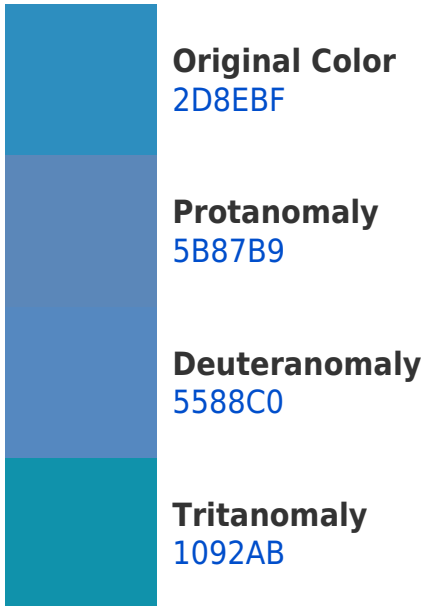
Dichromacy



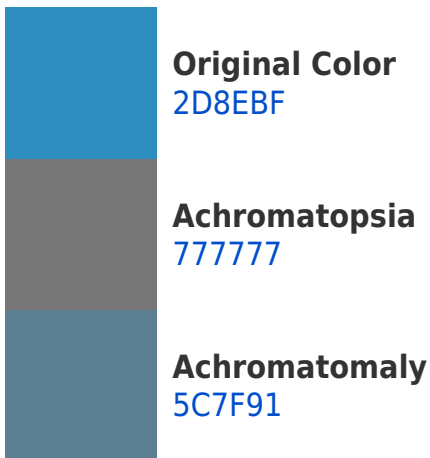


Tritanopia
00949F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D8EBF 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 #2D8EBF looks like.

```
.text, #text, p{  
    color:#2D8EBF  
}
```

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 #2D8EBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D8EBF
}
```

Border

The CSS property to change the border of an element to Hex 2D8EBF 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
#2D8EBF }
```

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

```
.border{ border-color:#2D8EBF }
```

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

Here you see how a box with a 4 pixel #2D8EBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D8EBF; -webkit-box-shadow:4px 4px  
4px 4px #2D8EBF; box-shadow:4px 4px 4px  
4px #2D8EBF }
```

Background

The CSS property to change the background color of an element to Hex 2D8EBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D8EBF }
```

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

```
.background{ background-color:#2D8EBF }
```

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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