

Converting Colors

Hex(2C7DED)

Have a look what the booklet for
Hex(2C7DED) contains.

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Color

Hex(2C7DED)

Conversions

Conversions Part 1

Format	Color
Hex	2C7DED
RGB	44, 125, 237
RGB Percent	17%, 49%, 93%
CMY	0.8275, 0.5098, 0.0706
CMYK	0.81, 0.47, 0.00, 0.07
HSL	215°, 84%, 55%
HSV	215°, 81%, 93%
XYZ	23.6584, 21.3171, 82.9884
YIQ	113.5490, -84.2280, 17.6600

Conversions

Conversions Part 2

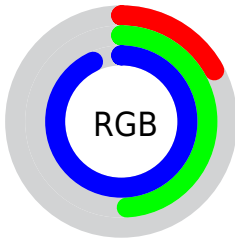
Format	Color
R _Y B	44, 101, 237
Decimal	2915821
CIE Lab	53.29, 15.84, -63.22
CIE LCh	53, 65.170, 284.065
Yxy	21.3171, 0.1849, 0.1666
Android (android.graphics.Color)	4281105901 (0xFF2C7DED)
YUV	113.5490, 60.8613, -60.9945
Hunter-Lab	46.1705, 10.6675, -74.2506

Details

The Hex color **2C7DED** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **ED9C2C**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **78B1FF**, and **004DB4** is the 20% darker color. If you saturate the color by 10%, you get **146FED**, and if you desaturate by 10%, it is **448BED**.

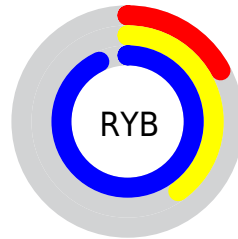
Distribution



Red (17%)

Green (49%)

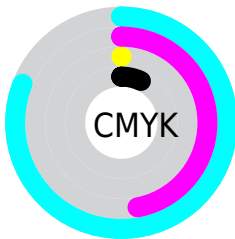
Blue (93%)



Red (17%)

Yellow (40%)

Blue (93%)

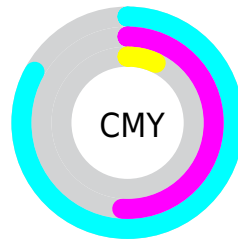


Cyan (81%)

Magenta (47%)

Yellow (0%)

Black (7%)



Cyan (83%)

Magenta (51%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C7DED 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 2C7DED by changing the saturation by 10% instead.

■ 2C7DED

■ 2C7DED

FFFFFF

■ 0065D0

■ 78B1FF

■ 004DB4

■ 98CCFF

■ 003799

■ B8E8FF

■ 00247E

■ D7FFFF

■ 000F65

■ F6FFFF

■ 00094C

■ 000434

■ 00021E

■ 000000

■ 2C7DED

■ 2C7DED

■ 146FED

■ 448BED

■ 0063ED

■ 5B99ED

■ 73A6ED

■ 8BB4ED

■ A3C2ED

■ BAD0ED

■ D2DDED

■ EAEBED

■ FFF9ED

Harmonies

Analogous

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



008EEC



2C7DED



A263D1

Triad

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



2C7DED



D45833



00975E

Complementary

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



2C7DED



ED9C2C

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.



3D9125



2C7DED



B17200

Square

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



2C7DED



E34367



818500



009999

Rectangle

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



2C7DED



C851B1



818500



00954B

Sweetspot

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



2C7DED



C2DBFF



2CED99



5B6A80



000000



808080

Same Dimension

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



2C7DED



056EFF



392CED



6A6E75



004CB5



001636

Inverse Universe

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



ED2C7D



FF056E



E0ED2C



756A6E



B5004C



360016

Previews

White Background



This preview shows how the Hex color 2C7DED looks on a white background.

Color Contrast Check

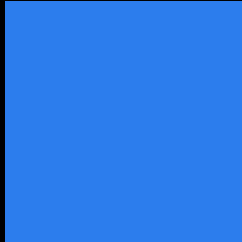
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 2C7DED looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

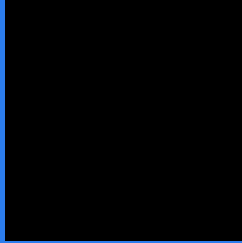
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

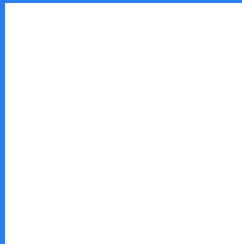
Any Text WCAG AAA × Fail

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

Hex 2C7DED Background



This preview shows how black text looks on a background with the Hex color 2C7DED.



This preview shows how white text looks on a background with the Hex color 2C7DED.

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](#).

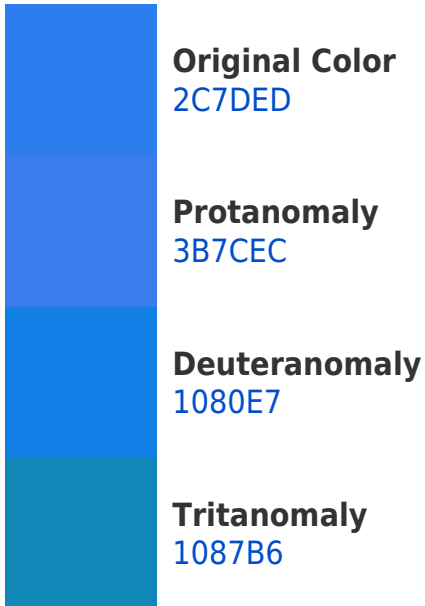
Dichromacy



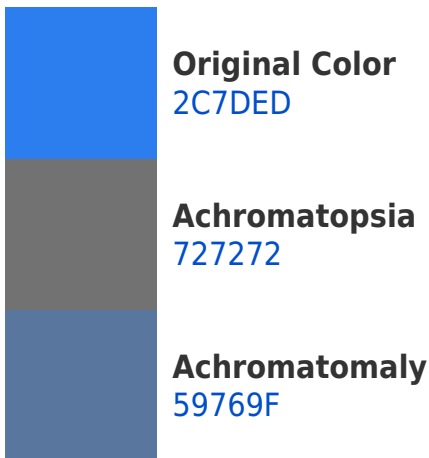


Tritanopia
008C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2C7DED 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 #2C7DED looks like.

```
.text, #text, p{  
    color:#2C7DED  
}
```

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 #2C7DED colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C7DED
}
```

Border

The CSS property to change the border of an element to Hex 2C7DED 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
#2C7DED }
```

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

```
.border{ border-color:#2C7DED }
```

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

Here you see how a box with a 4 pixel #2C7DED colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C7DED; -webkit-box-shadow:4px 4px  
4px 4px #2C7DED; box-shadow:4px 4px 4px  
4px #2C7DED }
```

Background

The CSS property to change the background color of an element to Hex 2C7DED is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C7DED }
```

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

```
.background{ background-color:#2C7DED }
```

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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