

Converting Colors

Hex(29BCE6)

Have a look what the booklet for
Hex(29BCE6) contains.

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Color

Hex(29BCE6)

Conversions

Conversions Part 1

Format	Color
Hex	29BCE6
RGB	41, 188, 230
RGB Percent	16%, 74%, 90%
CMY	0.8392, 0.2627, 0.0980
CMYK	0.82, 0.18, 0.00, 0.10
HSL	193°, 79%, 53%
HSV	193°, 82%, 90%
XYZ	33.1806, 42.1510, 81.2501
YIQ	148.8350, -101.0940, -18.1020

Conversions

Conversions Part 2

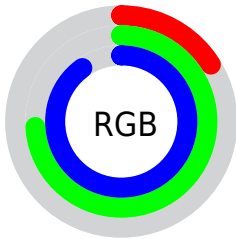
Format	Color
R _Y B	41, 124, 230
Decimal	2735334
CIE Lab	70.97, -22.83, -31.45
CIE LCh	71, 38.862, 234.022
Yxy	42.1510, 0.2119, 0.2692
Android (android.graphics.Color)	4280925414 (0xFF29BCE6)
YUV	148.8350, 40.0143, -94.5713
Hunter-Lab	64.9238, -22.3907, -28.7528

Details

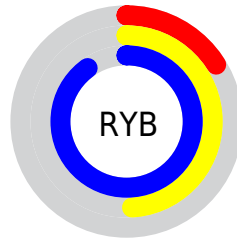
The Hex color **29BCE6** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed azure. A complement of this color would be **E65329**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **77F4FF**, and **0087AE** is the 20% darker color. If you saturate the color by 10%, you get **12B7E6**, and if you desaturate by 10%, it is **40C1E6**.

Distribution



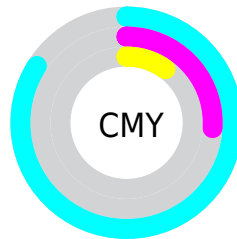
- Red (16%)
- Green (74%)
- Blue (90%)



- Red (16%)
- Yellow (49%)
- Blue (90%)



- Cyan (82%)
- Magenta (18%)
- Yellow (0%)
- Black (10%)



- Cyan (84%)
- Magenta (26%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29BCE6 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 29BCE6 by changing the saturation by 10% instead.

 29BCE6

 29BCE6

FFFFFF

 00A1CA

 77F4FF

 0087AE

 98FFFF

 006D94

 B7FFFF

 00557A

 D6FFFF

 003D61

 F5FFFF

 002749

 000B32

 00021C

 000000

 29BCE6

 29BCE6

 12B7E6

 40C1E6

 00B3E6

 57C6E6

 6ECBE6

 85D0E6

 9CD6E6

 B3DBE6

 CAE0E6

 E1E5E6

 F8EAE6

Harmonies

Analogous

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



12C0C9



29BCE6



6DB3F4

Triad

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



29BCE6



ED93B6



A8B46C

Complementary

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



29BCE6



E65329

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.



CBA967



29BCE6



F29493

Square

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



29BCE6



D49BD8



E69D76



7FBC83

Rectangle

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



29BCE6



95ABF2



E69D76



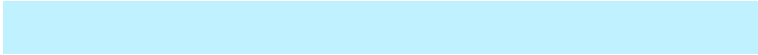
B4B168

Sweetspot

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



29BCE6



BFF1FF



29E652



597780



000000



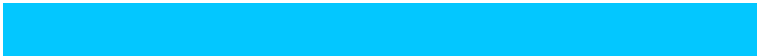
808080

Same Dimension

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



29BCE6



03C7FF



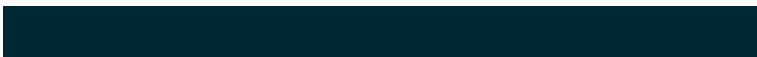
295FE6



677073



008BB3



002833

Inverse Universe

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



E629BC



FF03C7



E6B029



736770



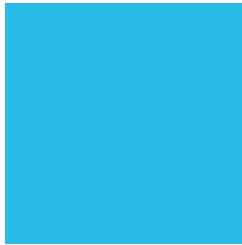
B3008B



330028

Previews

White Background



This preview shows how the Hex color 29BCE6 looks on a white background.

Color Contrast Check

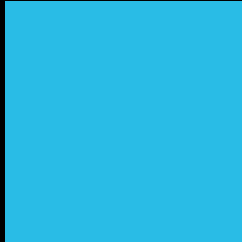
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 29BCE6 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 ✓ Pass

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

Hex 29BCE6 Background



This preview shows how black text looks on a background with the Hex color 29BCE6.



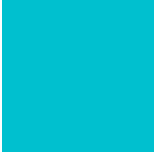
This preview shows how white text looks on a background with the Hex color 29BCE6.

Color Blindness Simulation

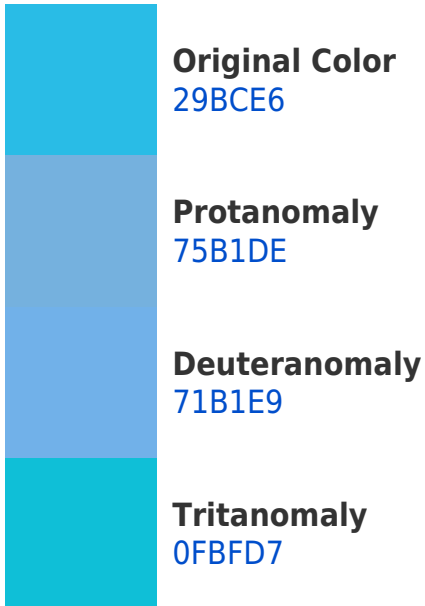
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29BCE6 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 #29BCE6 looks like.

```
.text, #text, p{  
    color:#29BCE6  
}
```

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 #29BCE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29BCE6
}
```

Border

The CSS property to change the border of an element to Hex 29BCE6 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
#29BCE6 }
```

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

```
.border{ border-color:#29BCE6 }
```

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

Here you see how a box with a 4 pixel #29BCE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29BCE6; -webkit-box-shadow:4px 4px  
4px 4px #29BCE6; box-shadow:4px 4px 4px  
4px #29BCE6 }
```

Background

The CSS property to change the background color of an element to Hex 29BCE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29BCE6 }
```

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

```
.background{ background-color:#29BCE6 }
```

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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