

Converting Colors

Hex(29A2B5)

Have a look what the booklet for
Hex(29A2B5) contains.

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Color

Hex(29A2B5)

Conversions

Conversions Part 1

Format	Color
Hex	29A2B5
RGB	41, 162, 181
RGB Percent	16%, 64%, 71%
CMY	0.8392, 0.3647, 0.2902
CMYK	0.77, 0.10, 0.00, 0.29
HSL	188°, 63%, 44%
HSV	188°, 77%, 71%
XYZ	22.1753, 29.6483, 48.2700
YIQ	127.9870, -78.2150, -19.7430

Conversions

Conversions Part 2

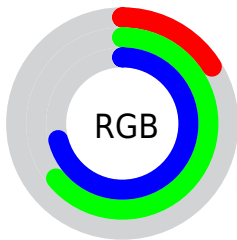
Format	Color
R_{YB}	41, 106, 181
Decimal	2728629
CIE _{Lab}	61.35, -25.60, -19.14
CIE _{LCh}	61, 31.959, 216.787
Yxy	29.6483, 0.2215, 0.2962
Android (android.graphics.Color)	4280918709 (0xFF29A2B5)
YUV	127.9870, 26.1354, -76.2876
Hunter-Lab	54.4502, -22.5924, -14.4453

Details

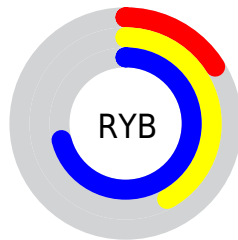
The Hex color **29A2B5** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B53C29**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **6ED9ED**, and **006E80** is the 20% darker color. If you saturate the color by 10%, you get **17A0B5**, and if you desaturate by 10%, it is **3BA4B5**.

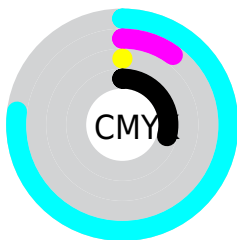
Distribution



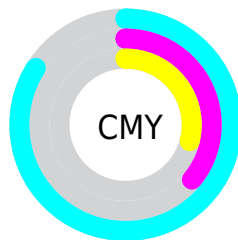
- Red (16%)
- Green (64%)
- Blue (71%)



- Red (16%)
- Yellow (42%)
- Blue (71%)



- Cyan (77%)
- Magenta (10%)
- Yellow (0%)
- Black (29%)



- Cyan (84%)
- Magenta (36%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29A2B5 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 29A2B5 by changing the saturation by 10% instead.


 29A2B5

 29A2B5

FFFFFF

 00889A

 6ED9ED

 006E80

 8CF6FF

 005567

 AAFFFF

 003E4F

 C8FFFF

 002738

 E6FFFF

 000B23

 00000A

 000000

 29A2B5

 29A2B5

■ 17A0B5

■ 3BA4B5

■ 059DB5

■ 4DA7B5

■ 009CB5

■ 5FA9B5

■ 71ACB5

■ 84AEB5

■ 96B1B5

■ A8B3B5

■ BAB6B5

■ CCB8B5

Harmonies

Analogous

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



3CA39A



29A2B5



489DC7

Triad

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



29A2B5



BD82AB



A1945B

Complementary

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



29A2B5



B53C29

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.



BA8B61



29A2B5



CB7E8F

Square

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



29A2B5



A08AC1



C98274



829C66

Rectangle

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



29A2B5



6798CC



C98274



AA915B

Sweetspot

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



29A2B5



B5E3EB



29B53C



547175



F5F5F5



757575

Same Dimension

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



29A2B5



10CDEB



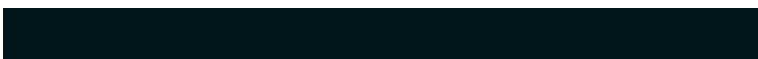
295CB5



505859



008499



00161A

Inverse Universe

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



B529A2



EB10CD



B58229



595058



990084



1A0016

Previews

White Background



This preview shows how the Hex color 29A2B5 looks on a white background.

Color Contrast Check

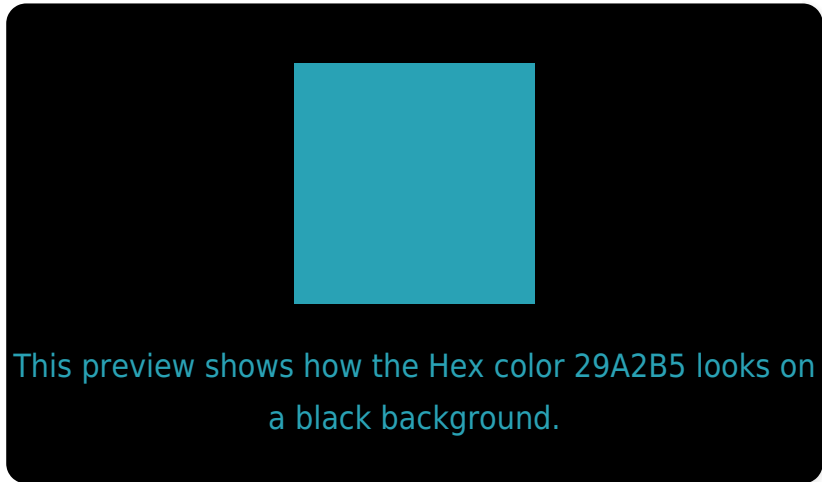
Large Text (above 18pt) WCAG AA ✓ Pass

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

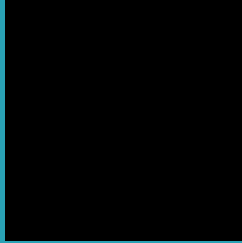
Any Text WCAG AA ✓ Pass

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 29A2B5 Background



This preview shows how black text looks on a background with the Hex color 29A2B5.

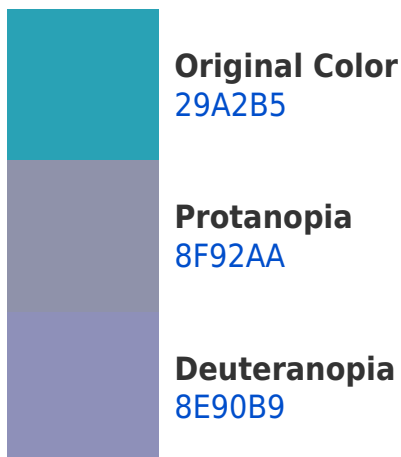


This preview shows how white text looks on a background with the Hex color 29A2B5.

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
24A3B0

Trichromacy



Original Color
29A2B5



Protanomaly
6A98AE



Deuteranomaly
6997B8



Tritanomaly
26A3B2

Monochromacy



Original Color
29A2B5



Achromatopsia
808080



Achromatomaly
608C93

CSS Examples

Text

The CSS property to change the color of the text to Hex 29A2B5 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 #29A2B5 looks like.

```
.text, #text, p{  
    color:#29A2B5  
}
```

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 #29A2B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29A2B5  
}
```

Border

The CSS property to change the border of an element to Hex 29A2B5 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  
#29A2B5 }
```

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

```
.border{ border-color:#29A2B5 }
```

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

Here you see how a box with a 4 pixel #29A2B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29A2B5; -webkit-box-shadow:4px 4px  
4px 4px #29A2B5; box-shadow:4px 4px 4px  
4px #29A2B5 }
```

Background

The CSS property to change the background color of an element to Hex 29A2B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29A2B5 }
```

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

```
.background{ background-color:#29A2B5 }
```

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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