

Converting Colors

Hex(2D95A8)

Have a look what the booklet for
Hex(2D95A8) contains.

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Color

Hex(2D95A8)

Conversions

Conversions Part 1

Format	Color
Hex	2D95A8
RGB	45, 149, 168
RGB Percent	18%, 58%, 66%
CMY	0.8235, 0.4157, 0.3412
CMYK	0.73, 0.11, 0.00, 0.34
HSL	189°, 58%, 42%
HSV	189°, 73%, 66%
XYZ	18.8975, 24.8799, 40.8521
YIQ	120.0700, -68.0830, -16.1390

Conversions

Conversions Part 2

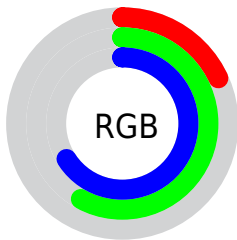
Format	Color
R_{YB}	45, 101, 168
Decimal	2987432
CIE _{Lab}	56.96, -22.65, -18.46
CIE _{LCh}	57, 29.218, 219.182
Yxy	24.8799, 0.2233, 0.2940
Android (android.graphics.Color)	4281177512 (0xFF2D95A8)
YUV	120.0700, 23.6295, -65.8364
Hunter-Lab	49.8798, -19.6629, -13.6433

Details

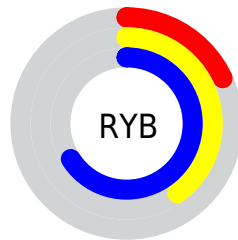
The Hex color **2D95A8** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **A8402D**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **6DCBDF**, and **006274** is the 20% darker color. If you saturate the color by 10%, you get **1C92A8**, and if you desaturate by 10%, it is **3E98A8**.

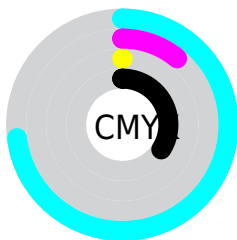
Distribution



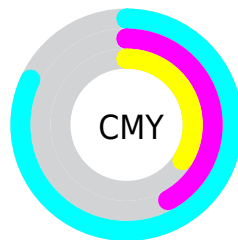
- Red (18%)
- Green (58%)
- Blue (66%)



- Red (18%)
- Yellow (40%)
- Blue (66%)



- Cyan (73%)
- Magenta (11%)
- Yellow (0%)
- Black (34%)



- Cyan (82%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D95A8 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 2D95A8 by changing the saturation by 10% instead.

 2D95A8

 2D95A8

FFFFFF

 007B8E

 6DCBDF

 006274

 8AE8FC

 004A5B

 A7FFFF

 003344

 C5FFFF

 001F2D

 E2FFFF

 000119

 000000

 2D95A8

 2D95A8

 1C92A8

 3E98A8

0B90A8

4F9AA8

008EA8

5F9DA8

709FA8

81A2A8

92A5A8

A3A7A8

B3AAA8

C4ACA8

Harmonies

Analogous

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



399790



2D95A8



4990B8

Triad

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



2D95A8



AF789B



928A56

Complementary

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



2D95A8



A8402D

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.



A9815A



2D95A8



BB7582

Square

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



2D95A8



967FB0



B8796A



769160

Rectangle

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



2D95A8



648BBB



B8796A



9B8756

Sweetspot

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



2D95A8



ABD4DB



2DA83F



51696E



EDEDED



6E6E6E

Same Dimension

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



2D95A8



1ABDDB



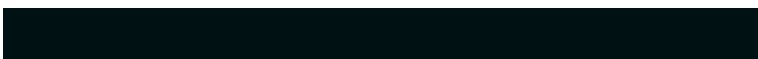
2D58A8



4C5354



007D94



001114

Inverse Universe

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



A82D95



DB1ABD



A87D2D



544C53



94007D



140011

Previews

White Background



This preview shows how the Hex color 2D95A8 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

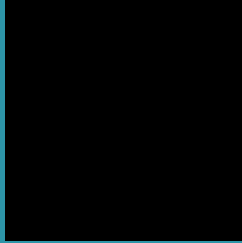
Any Text WCAG AA ✓ Pass

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 2D95A8 Background



This preview shows how black text looks on a background with the Hex color 2D95A8.



This preview shows how white text looks on a background with the Hex color 2D95A8.

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



Original Color
2D95A8

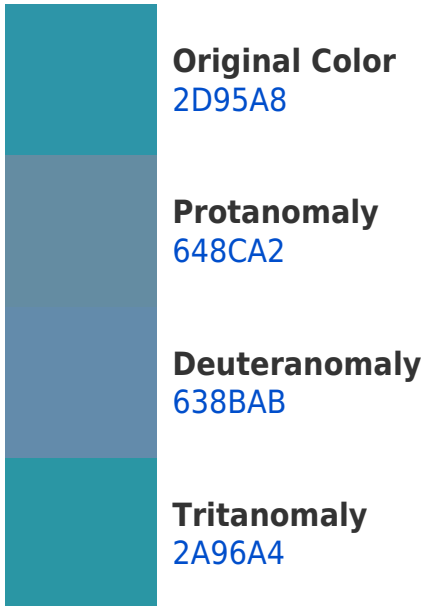
Protanopia
83879E

Deuteranopia
8285AC



Tritanopia
2996A2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D95A8 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 #2D95A8 looks like.

```
.text, #text, p{  
    color:#2D95A8  
}
```

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 #2D95A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D95A8
}
```

Border

The CSS property to change the border of an element to Hex 2D95A8 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
#2D95A8 }
```

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

```
.border{ border-color:#2D95A8 }
```

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

Here you see how a box with a 4 pixel #2D95A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D95A8; -webkit-box-shadow:4px 4px  
4px 4px #2D95A8; box-shadow:4px 4px 4px  
4px #2D95A8 }
```

Background

The CSS property to change the background color of an element to Hex 2D95A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D95A8 }
```

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

```
.background{ background-color:#2D95A8 }
```

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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