

Converting Colors

Hex(2D95BD)

Have a look what the booklet for
Hex(2D95BD) contains.

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Color

Hex(2D95BD)

Conversions

Conversions Part 1

Format	Color
Hex	2D95BD
RGB	45, 149, 189
RGB Percent	18%, 58%, 74%
CMY	0.8235, 0.4157, 0.2588
CMYK	0.76, 0.21, 0.00, 0.26
HSL	197°, 62%, 46%
HSV	197°, 76%, 74%
XYZ	21.0149, 25.7269, 52.0023
YIQ	122.4640, -74.8240, -9.6080

Conversions

Conversions Part 2

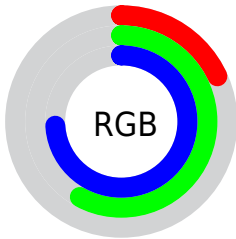
Format	Color
R_{YB}	45, 105, 189
Decimal	2987453
CIE _{Lab}	57.78, -15.66, -29.13
CIE _{LCh}	58, 33.074, 241.738
Yxy	25.7269, 0.2128, 0.2605
Android (android.graphics.Color)	4281177533 (0xFF2D95BD)
YUV	122.4640, 32.8022, -67.9359
Hunter-Lab	50.7217, -14.8071, -25.2817

Details

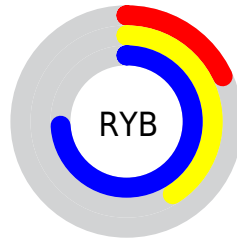
The Hex color **2D95BD** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **BD552D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **70CBF5**, and **006287** is the 20% darker color. If you saturate the color by 10%, you get **1A90BD**, and if you desaturate by 10%, it is **409ABD**.

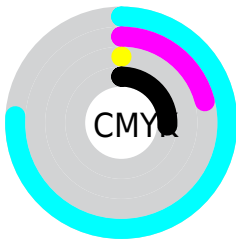
Distribution



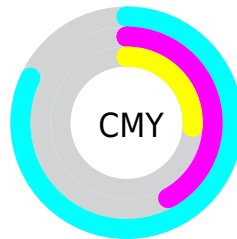
- Red (18%)
- Green (58%)
- Blue (74%)



- Red (18%)
- Yellow (41%)
- Blue (74%)



- Cyan (76%)
- Magenta (21%)
- Yellow (0%)
- Black (26%)



- Cyan (82%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D95BD 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 2D95BD by changing the saturation by 10% instead.

■ 2D95BD

■ 2D95BD

FFFFFF

■ 007BA2

■ 70CBF5

■ 006287

■ 8EE7FF

■ 004A6E

■ ACFFFF

■ 003455

■ C9FFFF

■ 001F3E

■ E7FFFF

■ 000328

■ 000112

■ 000000

■ 2D95BD

■ 2D95BD

■ 1A90BD

■ 409ABD

■ 078BBD

■ 53A0BD

■ 0089BD

■ 66A5BD

■ 79AABD

■ 8CAFBD

■ 9EB5BD

■ B1BABD

■ C4BFBD

■ D7C4BD

Harmonies

Analogous

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



0099A8



2D95BD



638DC4

Triad

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



2D95BD



C1748A



7E9259

Complementary

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



2D95BD



BD552D

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.



9C8A50



2D95BD



C2776E

Square

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



2D95BD



B179A7



B48059



5B986E

Rectangle

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



2D95BD



8286C0



B48059



889054

Sweetspot

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



2D95BD



BCE5F5



2DBD53



58717A



FAFAFA



7A7A7A

Same Dimension

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



2D95BD



16B7F5



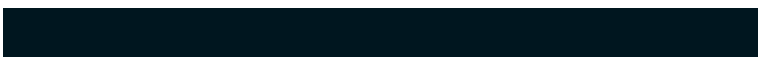
2D4FBD



555C5E



00729E



00161F

Inverse Universe

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



BD2D95



F516B7



BD9B2D



5E555C



9E0072



1F0016

Previews

White Background



This preview shows how the Hex color 2D95BD looks on a white background.

Color Contrast Check

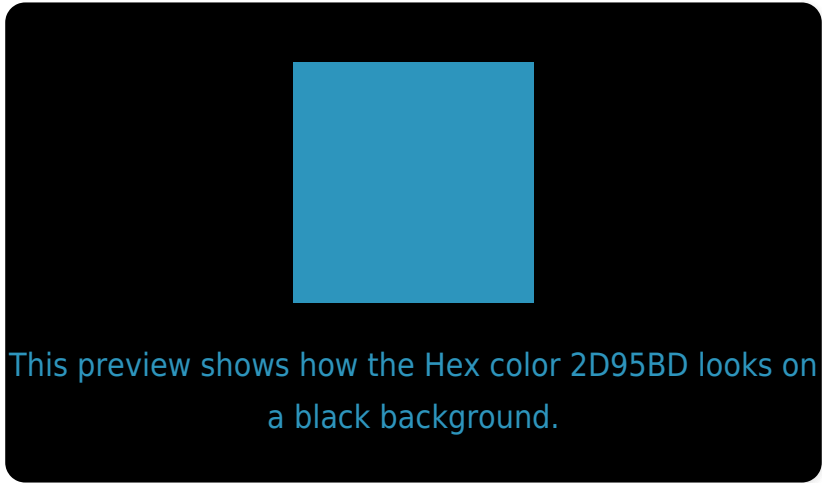
Large Text (above 18pt) WCAG AA ✓ Pass

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

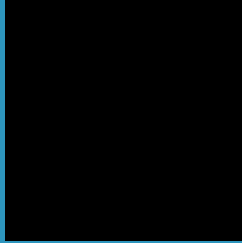
Any Text WCAG AA ✓ Pass

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 2D95BD Background



This preview shows how black text looks on a background with the Hex color 2D95BD.



This preview shows how white text looks on a background with the Hex color 2D95BD.

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](#).

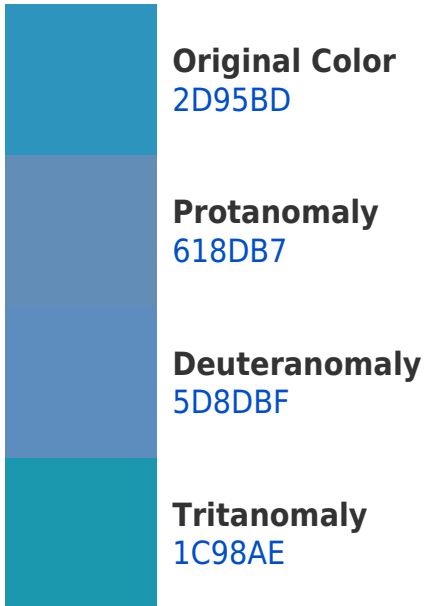
Dichromacy



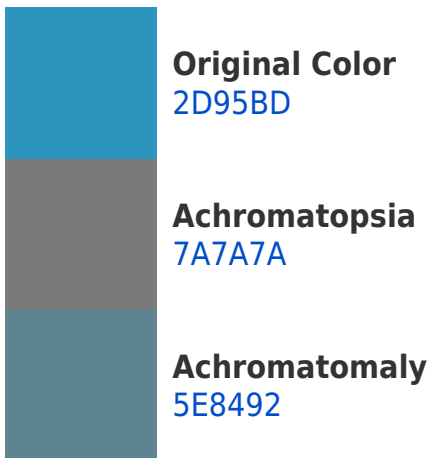


Tritanopia
1299A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D95BD 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 #2D95BD looks like.

```
.text, #text, p{  
    color:#2D95BD  
}
```

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 #2D95BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D95BD
}
```

Border

The CSS property to change the border of an element to Hex 2D95BD 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
#2D95BD }
```

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

```
.border{ border-color:#2D95BD }
```

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

Here you see how a box with a 4 pixel #2D95BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D95BD; -webkit-box-shadow:4px 4px  
4px 4px #2D95BD; box-shadow:4px 4px 4px  
4px #2D95BD }
```

Background

The CSS property to change the background color of an element to Hex 2D95BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D95BD }
```

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

```
.background{ background-color:#2D95BD }
```

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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