

Converting Colors

Hex(2B91D5)

Have a look what the booklet for
Hex(2B91D5) contains.

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Color

Hex(2B91D5)

Conversions

Conversions Part 1

Format	Color
Hex	2B91D5
RGB	43, 145, 213
RGB Percent	17%, 57%, 84%
CMY	0.8314, 0.4314, 0.1647
CMYK	0.80, 0.32, 0.00, 0.16
HSL	204°, 67%, 50%
HSV	204°, 80%, 84%
XYZ	23.1319, 25.5685, 66.6668
YIQ	122.2540, -82.6200, -0.4760

Conversions

Conversions Part 2

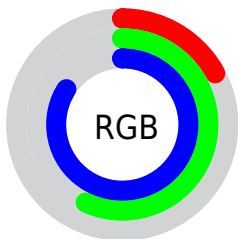
Format	Color
R_{YB}	43, 107, 213
Decimal	2855381
CIE _{Lab}	57.63, -5.18, -42.89
CIE _{LCh}	58, 43.201, 263.117
Yxy	25.5685, 0.2005, 0.2216
Android (android.graphics.Color)	4281045461 (0xFF2B91D5)
YUV	122.2540, 44.7378, -69.5058
Hunter-Lab	50.5653, -6.8316, -42.7740

Details

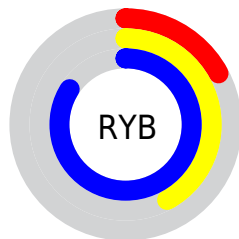
The Hex color **2B91D5** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **D56F2B**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **73C7FF**, and **005F9E** is the 20% darker color. If you saturate the color by 10%, you get **1688D5**, and if you desaturate by 10%, it is **409AD5**.

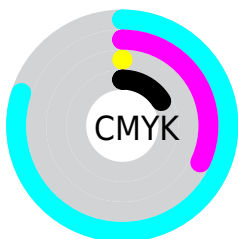
Distribution



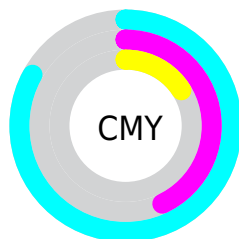
- Red (17%)
- Green (57%)
- Blue (84%)



- Red (17%)
- Yellow (42%)
- Blue (84%)



- Cyan (80%)
- Magenta (32%)
- Yellow (0%)
- Black (16%)



- Cyan (83%)
- Magenta (43%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B91D5 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 2B91D5 by changing the saturation by 10% instead.

■ 2B91D5

■ 2B91D5

FFFFFF

■ 0077B9

■ 73C7FF

■ 005F9E

■ 92E3FF

■ 004883

■ B0FFFF

■ 00326A

■ CFFFFFF

■ 001D51

■ EDFFFF

■ 00053A

■ 000223

■ 00000A

■ 000000

■ 2B91D5

■ 2B91D5

■ 1688D5

■ 409AD5

■ 0080D5

■ 56A2D5

■ 6BABD5

■ 80B3D5

■ 95BCD5

■ ABC4D5

■ C0CDD5

■ D5D5D5

■ EBDED5

Harmonies

Analogous

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



009AC6



2B91D5



7F84D0

Triad

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



2B91D5



D16D6F



57995B

Complementary

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



2B91D5



D56F2B

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.



849142



2B91D5



C4774F

Square

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



2B91D5



CC6B95



A8853E



009D80

Rectangle

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



2B91D5



A37AC2



A8853E



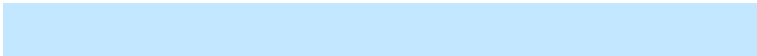
679751

Sweetspot

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



2B91D5



C2E7FF



2BD56F



5B7180



000000



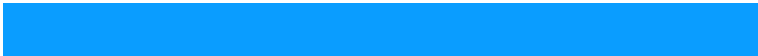
808080

Same Dimension

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



2B91D5



0A9DFF



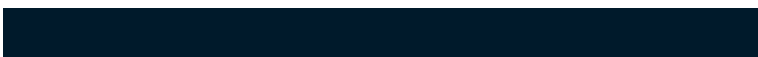
2B3CD5



60676B



0067AB



001A2B

Inverse Universe

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



D52B91



FF0A9D



D5C42B



6B6067



AB0067



2B001A

Previews

White Background



This preview shows how the Hex color 2B91D5 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 2B91D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

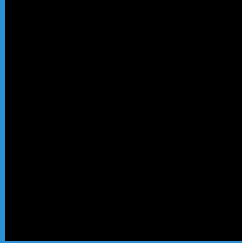
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

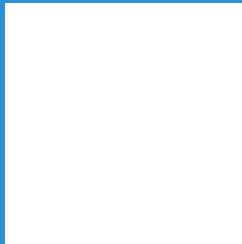
Any Text WCAG AAA × Fail

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

Hex 2B91D5 Background



This preview shows how black text looks on a background with the Hex color 2B91D5.

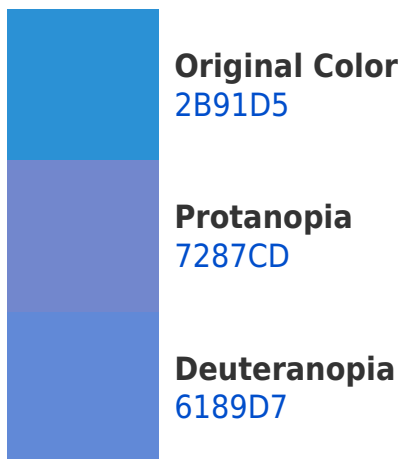


This preview shows how white text looks on a background with the Hex color 2B91D5.

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](#).

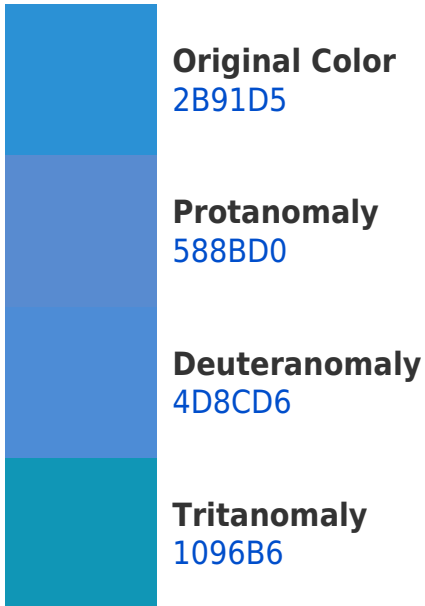
Dichromacy



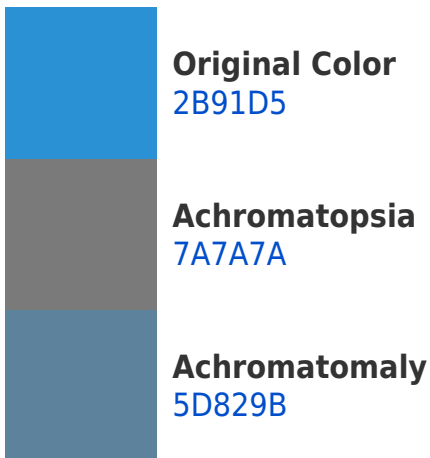


Tritanopia
0099A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2B91D5 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 #2B91D5 looks like.

```
.text, #text, p{  
    color:#2B91D5  
}
```

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 #2B91D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B91D5
}
```

Border

The CSS property to change the border of an element to Hex 2B91D5 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
#2B91D5 }
```

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

```
.border{ border-color:#2B91D5 }
```

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

Here you see how a box with a 4 pixel #2B91D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B91D5; -webkit-box-shadow:4px 4px  
4px 4px #2B91D5; box-shadow:4px 4px 4px  
4px #2B91D5 }
```

Background

The CSS property to change the background color of an element to Hex 2B91D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B91D5 }
```

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

```
.background{ background-color:#2B91D5 }
```

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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