

Converting Colors

Hex(2D71B4)

Have a look what the booklet for
Hex(2D71B4) contains.

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Color

Hex(2D71B4)

Conversions

Conversions Part 1

Format	Color
Hex	2D71B4
RGB	45, 113, 180
RGB Percent	18%, 44%, 71%
CMY	0.8235, 0.5569, 0.2941
CMYK	0.75, 0.37, 0.00, 0.29
HSL	210°, 60%, 44%
HSV	210°, 75%, 71%
XYZ	15.2255, 15.6634, 45.4009
YIQ	100.3060, -62.0350, 6.4210

Conversions

Conversions Part 2

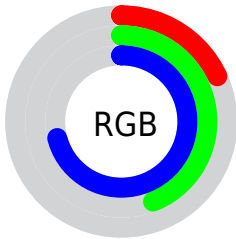
Format	Color
R_{YB}	45, 90, 180
Decimal	2978228
CIE _{Lab}	46.53, 2.02, -41.61
CIE _{LCh}	47, 41.656, 272.785
Yxy	15.6634, 0.1996, 0.2053
Android (android.graphics.Color)	4281168308 (0xFF2D71B4)
YUV	100.3060, 39.2891, -48.5034
Hunter-Lab	39.5771, -0.5898, -40.3107

Details

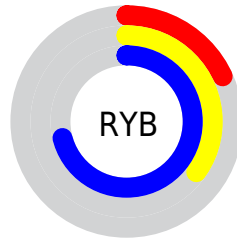
The Hex color **2D71B4** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **B4702D**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **6DA4EC**, and **00427F** is the 20% darker color. If you saturate the color by 10%, you get **1B68B4**, and if you desaturate by 10%, it is **3F7AB4**.

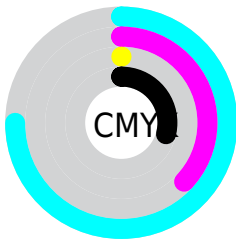
Distribution



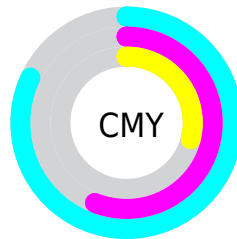
- Red (18%)
- Green (44%)
- Blue (71%)



- Red (18%)
- Yellow (35%)
- Blue (71%)



- Cyan (75%)
- Magenta (37%)
- Yellow (0%)
- Black (29%)



- Cyan (82%)
- Magenta (56%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D71B4 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 2D71B4 by changing the saturation by 10% instead.

■ 2D71B4

■ 2D71B4

FFFFFF

■ 005999

■ 6DA4EC

■ 00427F

■ 8ABFFF

■ 002C65

■ A7DBFF

■ 00184D

■ C5F8FF

■ 000536

■ E2FFFF

■ 00021F

■ 000003

■ 000000

■ 2D71B4

■ 2D71B4

■ 1B68B4

■ 3F7AB4

■ 095FB4

■ 5183B4

■ 005BB4

■ 638CB4

■ 7595B4

■ 879EB4

■ 99A7B4

■ ABB0B4

■ BDB8B4

■ CFC1B4

Harmonies

Analogous

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



007AAC



2D71B4



7464A9

Triad

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



2D71B4



AC544A



287D4D

Complementary

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



2D71B4



B4702D

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.



5B7730



2D71B4



9B6130

Square

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



2D71B4



AE4F6C



7F6E24



008071

Rectangle

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



2D71B4



915A99



7F6E24



3D7B42

Sweetspot

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



2D71B4



B5D0EB



2DB46E



546575



F5F5F5



757575

Same Dimension

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



2D71B4



1782EB



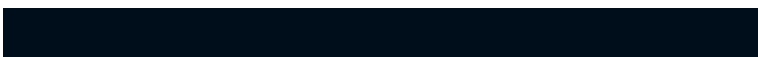
2D2FB4



505559



004D99



000D1A

Inverse Universe

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



B42D71



EB1782



B4B22D



595055



99004D



1A000D

Previews

White Background



This preview shows how the Hex color 2D71B4 looks on a white background.

Color Contrast Check

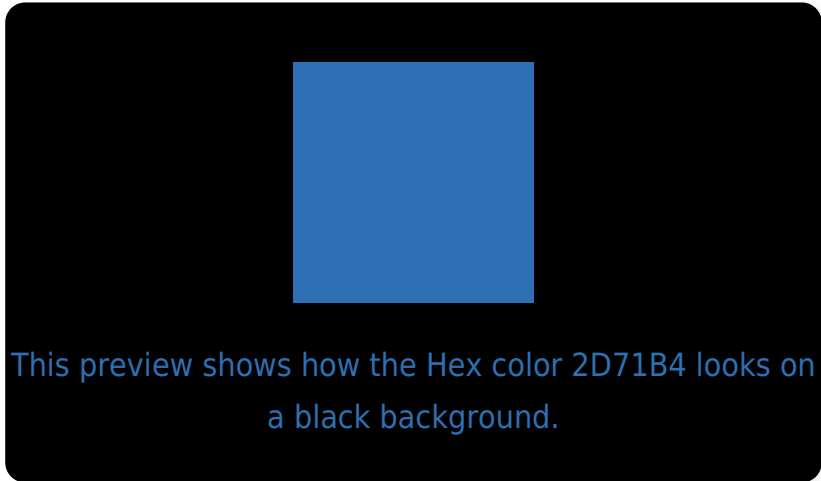
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Hex 2D71B4 Background



This preview shows how black text looks on a background with the Hex color 2D71B4.

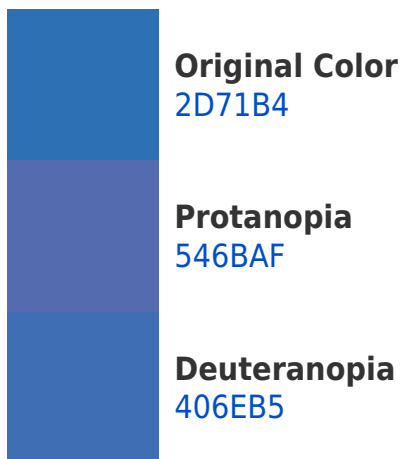


This preview shows how white text looks on a background with the Hex color 2D71B4.

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](#).

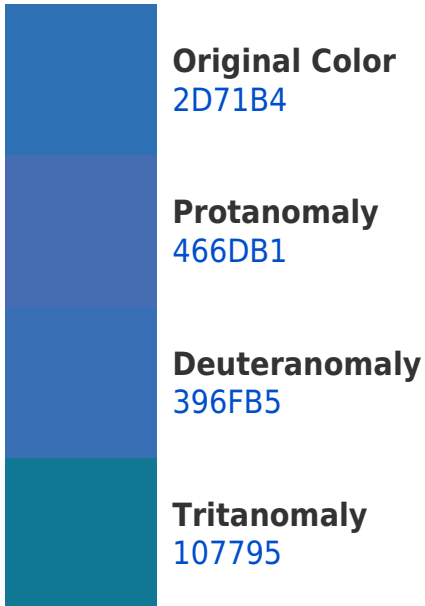
Dichromacy





Tritanopia
007A83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D71B4 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 #2D71B4 looks like.

```
.text, #text, p{  
    color:#2D71B4  
}
```

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 #2D71B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D71B4
}
```

Border

The CSS property to change the border of an element to Hex 2D71B4 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
#2D71B4 }
```

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

```
.border{ border-color:#2D71B4 }
```

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

Here you see how a box with a 4 pixel #2D71B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D71B4; -webkit-box-shadow:4px 4px  
4px 4px #2D71B4; box-shadow:4px 4px 4px  
4px #2D71B4 }
```

Background

The CSS property to change the background color of an element to Hex 2D71B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D71B4 }
```

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

```
.background{ background-color:#2D71B4 }
```

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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