

Converting Colors

Hex(2B5679)

Have a look what the booklet for
Hex(2B5679) contains.

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Color

Hex(2B5679)

Conversions

Conversions Part 1

Format	Color
Hex	2B5679
RGB	43, 86, 121
RGB Percent	17%, 34%, 47%
CMY	0.8314, 0.6627, 0.5255
CMYK	0.64, 0.29, 0.00, 0.53
HSL	207°, 48%, 32%
HSV	207°, 64%, 47%
XYZ	7.7752, 8.5496, 19.3296
YIQ	77.1330, -36.8630, 1.7690

Conversions

Conversions Part 2

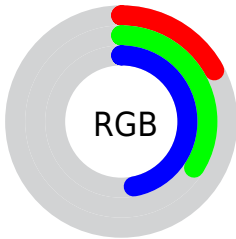
Format	Color
RYB	43, 71, 121
Decimal	2840185
CIELab	35.10, -3.22, -24.30
CIElCh	35, 24.509, 262.456
Yxy	8.5496, 0.2181, 0.2398
Android (android.graphics.Color)	4281030265 (0xFF2B5679)
YUV	77.1330, 21.6264, -29.9346
Hunter-Lab	29.2398, -3.7041, -18.7271

Details

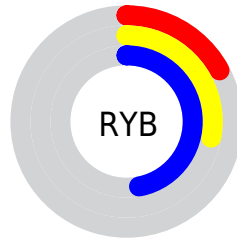
The Hex color **2B5679** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **794E2B**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **6088AE**, and **002948** is the 20% darker color. If you saturate the color by 10%, you get **1F5179**, and if you desaturate by 10%, it is **375B79**.

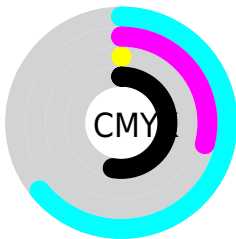
Distribution



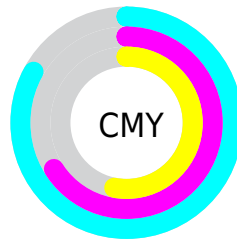
- Red (17%)
- Green (34%)
- Blue (47%)



- Red (17%)
- Yellow (28%)
- Blue (47%)



- Cyan (64%)
- Magenta (29%)
- Yellow (0%)
- Black (53%)



- Cyan (83%)
- Magenta (66%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B5679 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 2B5679 by changing the saturation by 10% instead.

■ 2B5679

■ 2B5679

FFFFFF

■ 093F60

■ 6088AE

■ 002948

■ 7BA2C9

■ 001531

■ 96BDE5

■ 00021C

■ B2D8FF

■ 000000

■ CEF5FF

■ EBFFFF

■ 2B5679

■ 2B5679

■ 1F5179

■ 375B79

■ 134B79

■ 436179

■ 074679

■ 4F6679

■ 004379

■ 5B6C79

■ 677179

■ 747779

■ 807C79

■ 8C8179

■ 988779

Harmonies

Analogous

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



005B71



2B5679



4D4F77

Triad

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



2B5679



784445



395A3A

Complementary

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



2B5679



794E2B

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.



50562E



2B5679



724934

Square

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



2B5679



754358



63502B



1D5D4D

Rectangle

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



2B5679



5F4A6F



63502B



415935

Sweetspot

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



2B5679



80919E



2B794D



3D474F



CFCFCF



4F4F4F

Same Dimension

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



2B5679



24679E



2B3079



373A3D



00457D



008BFC

Inverse Universe

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



792B56



9E2467



79742B



3D373A



7D0045



FC008B

Previews

White Background



This preview shows how the Hex color 2B5679 looks on a white background.

Color Contrast Check

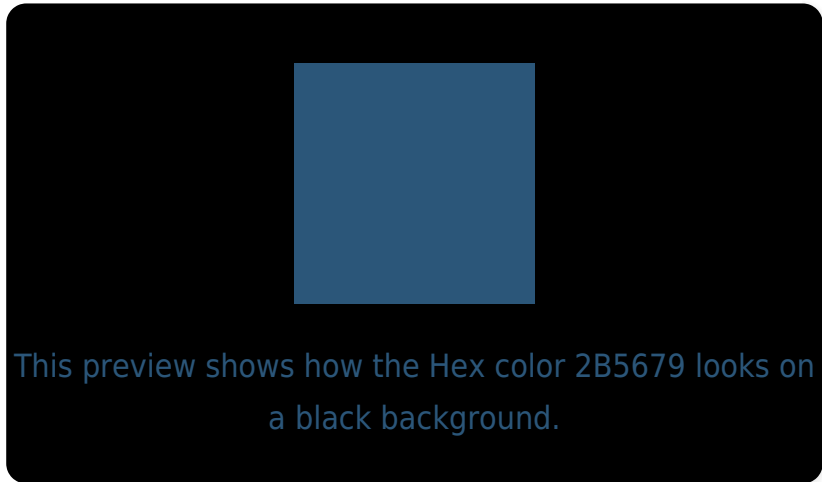
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

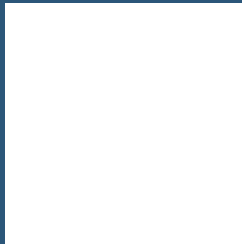
Any Text WCAG AAA × Fail

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

Hex 2B5679 Background



This preview shows how black text looks on a background with the Hex color 2B5679.

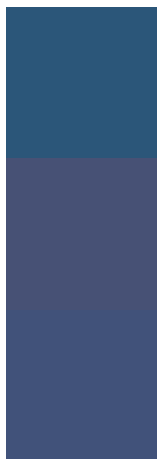


This preview shows how white text looks on a background with the Hex color 2B5679.

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
2B5679

Protanopia
475175

Deuteranopia
41527A



Tritanopia
1E5A62

Trichromacy



Original Color
2B5679

Protanomaly
3D5376

Deuteranomaly
39537A

Tritanomaly
23596A

Monochromacy



Original Color
2B5679

Achromatopsia
4D4D4D

Achromatomaly
41505D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5679 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 #2B5679 looks like.

```
.text, #text, p{  
    color:#2B5679  
}
```

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 #2B5679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5679
}
```

Border

The CSS property to change the border of an element to Hex 2B5679 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
#2B5679 }
```

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

```
.border{ border-color:#2B5679 }
```

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

Here you see how a box with a 4 pixel #2B5679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5679; -webkit-box-shadow:4px 4px  
4px 4px #2B5679; box-shadow:4px 4px 4px  
4px #2B5679 }
```

Background

The CSS property to change the background color of an element to Hex 2B5679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5679 }
```

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

```
.background{ background-color:#2B5679 }
```

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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