

Converting Colors

Hex(2B5674)

Have a look what the booklet for
Hex(2B5674) contains.

Hex(2B5674)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2B5674)

Conversions

Conversions Part 1

Format	Color
Hex	2B5674
RGB	43, 86, 116
RGB Percent	17%, 34%, 45%
CMY	0.8314, 0.6627, 0.5451
CMYK	0.63, 0.26, 0.00, 0.55
HSL	205°, 46%, 31%
HSV	205°, 63%, 45%
XYZ	7.4764, 8.4301, 17.7561
YIQ	76.5630, -35.2580, 0.2140

Conversions

Conversions Part 2

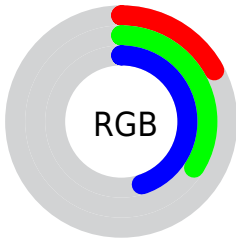
Format	Color
RYB	43, 70, 116
Decimal	2840180
CIELab	34.86, -5.00, -21.57
CIELCh	35, 22.146, 256.943
Yxy	8.4301, 0.2221, 0.2504
Android (android.graphics.Color)	4281030260 (0xFF2B5674)
YUV	76.5630, 19.4424, -29.4348
Hunter-Lab	29.0347, -4.8469, -15.9345

Details

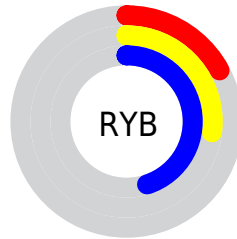
The Hex color **2B5674** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **74492B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **6088A8**, and **002944** is the 20% darker color. If you saturate the color by 10%, you get **1F5174**, and if you desaturate by 10%, it is **375B74**.

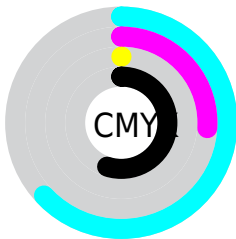
Distribution



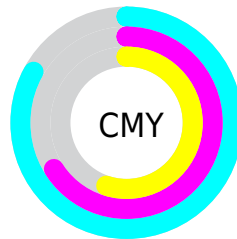
- Red (17%)
- Green (34%)
- Blue (45%)



- Red (17%)
- Yellow (27%)
- Blue (45%)



- Cyan (63%)
- Magenta (26%)
- Yellow (0%)
- Black (55%)



- Cyan (83%)
- Magenta (66%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B5674 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 2B5674 by changing the saturation by 10% instead.

■ 2B5674

■ 2B5674

FFFFFF

■ 0B3F5B

■ 6088A8

■ 002944

■ 7AA2C3

■ 00152D

■ 95BDDF

■ 000118

■ B1D9FC

■ 000000

■ CDF5FF

■ EAFFFF

■ 2B5674

■ 2B5674

■ 1F5174

■ 375B74

■ 144C74

■ 426074

■ 084874

■ 4E6474

■ 004474

■ 596974

■ 656E74

■ 717374

■ 7C7774

■ 887C74

■ 938174

Harmonies

Analogous

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



0D5A6B



2B5674



495074

Triad

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



2B5674



754549



405839

Complementary

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



2B5674



74492B

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.



545430



2B5674



704839

Square

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



2B5674



6F455A



644E30



295B49

Rectangle

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



2B5674



594C6E



644E30



475735

Sweetspot

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



2B5674



7A8B96



2B7448



3B454D



CCCCCC



4D4D4D

Same Dimension

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



2B5674



246796



2B3274



35383B



00487A



0093FA

Inverse Universe

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



742B56



962467



746D2B



3B3538



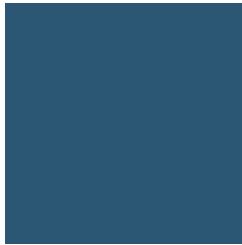
7A0048



FA0093

Previews

White Background



This preview shows how the Hex color 2B5674 looks on a white background.

Color Contrast Check

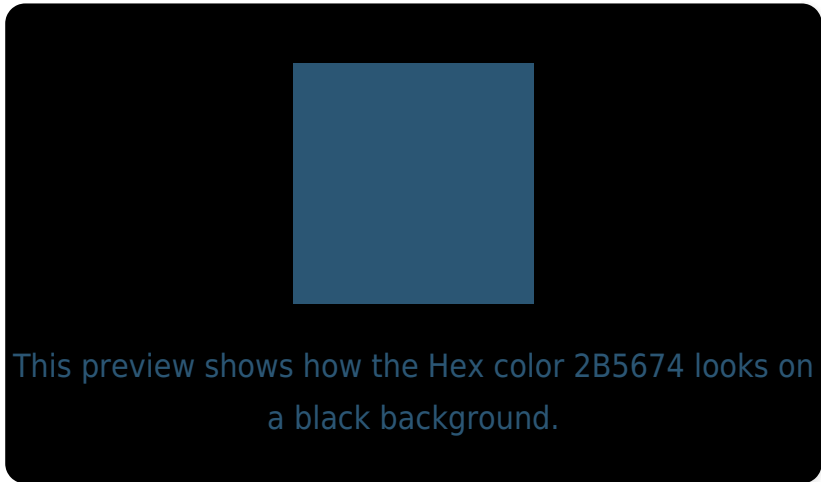
Large Text (above 18pt) WCAG AA ✓ Pass

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

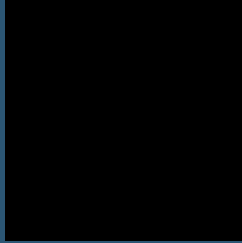
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

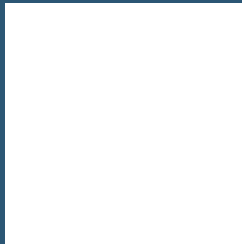
Any Text WCAG AAA × Fail

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

Hex 2B5674 Background



This preview shows how black text looks on a background with the Hex color 2B5674.

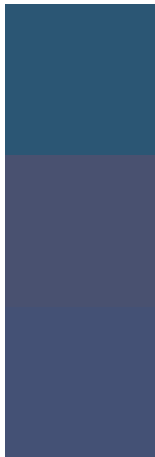


This preview shows how white text looks on a background with the Hex color 2B5674.

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
2B5674

Protanopia
495170

Deuteranopia
445175



Tritanopia
215A61

Trichromacy



Original Color
2B5674

Protanomaly
3E5371

Deuteranomaly
3B5375

Tritanomaly
255968

Monochromacy



Original Color
2B5674

Achromatopsia
4D4D4D

Achromatomaly
41505B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5674 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 #2B5674 looks like.

```
.text, #text, p{  
    color:#2B5674  
}
```

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 #2B5674 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5674
}
```

Border

The CSS property to change the border of an element to Hex 2B5674 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
#2B5674 }
```

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

```
.border{ border-color:#2B5674 }
```

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

Here you see how a box with a 4 pixel #2B5674 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5674; -webkit-box-shadow:4px 4px  
4px 4px #2B5674; box-shadow:4px 4px 4px  
4px #2B5674 }
```

Background

The CSS property to change the background color of an element to Hex 2B5674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5674 }
```

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

```
.background{ background-color:#2B5674 }
```

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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