

Converting Colors

Hex(2B4565)

Have a look what the booklet for
Hex(2B4565) contains.

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Color

Hex(2B4565)

Conversions

Conversions Part 1

Format	Color
Hex	2B4565
RGB	43, 69, 101
RGB Percent	17%, 27%, 40%
CMY	0.8314, 0.7294, 0.6039
CMYK	0.57, 0.32, 0.00, 0.60
HSL	213°, 40%, 28%
HSV	213°, 57%, 40%
XYZ	5.4733, 5.7094, 13.1255
YIQ	64.8740, -25.7680, 4.4400

Conversions

Conversions Part 2

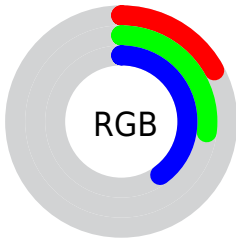
Format	Color
RYB	43, 61, 101
Decimal	2835813
CIELab	28.67, 0.55, -21.79
CIElCh	29, 21.793, 271.448
Yxy	5.7094, 0.2252, 0.2349
Android (android.graphics.Color)	4281025893 (0xFF2B4565)
YUV	64.8740, 17.8101, -19.1835
Hunter-Lab	23.8944, -0.9273, -15.8426

Details

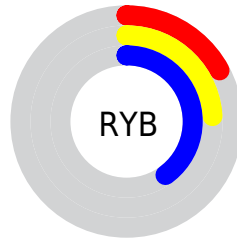
The Hex color **2B4565** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **654B2B**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5D7598**, and **001A36** is the 20% darker color. If you saturate the color by 10%, you get **213F65**, and if you desaturate by 10%, it is **354B65**.

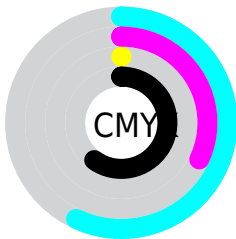
Distribution



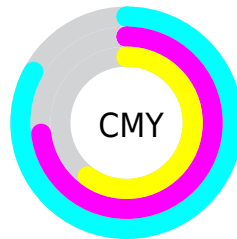
- Red (17%)
- Green (27%)
- Blue (40%)



- Red (17%)
- Yellow (24%)
- Blue (40%)



- Cyan (57%)
- Magenta (32%)
- Yellow (0%)
- Black (60%)



- Cyan (83%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B4565 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 2B4565 by changing the saturation by 10% instead.

■ 2B4565

■ 2B4565

FFFFFF

■ 102F4D

■ 5D7598

■ 001A36

■ 778FB3

■ 000221

■ 91A9CF

■ 000005

■ ADC4EB

■ 000000

■ C8E0FF

■ E5FDFF

■ 2B4565

■ 2B4565

■ 213F65

■ 354B65

■ 173A65

■ 3F5065

■ 0D3465

■ 495665

■ 032F65

■ 535B65

■ 002D65

■ 5E6165

■ 686665

■ 726C65

■ 7C7265

■ 867765

Harmonies

Analogous

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



024A61



2B4565



463F60

Triad

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



2B4565



633833



274B33

Complementary

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



2B4565



654B2B

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.



3C4826



2B4565



5B3D26

Square

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



2B4565



633643



4D4321



0B4C44

Rectangle

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



2B4565



543B59



4D4321



2F4A2E

Sweetspot

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



2B4565



6C7682



2B654B



353B42



C2C2C2



424242

Same Dimension

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



2B4565



285182



2E2B65



2E3033



003373



006DF2

Inverse Universe

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



652B45



822851



62652B



332E30



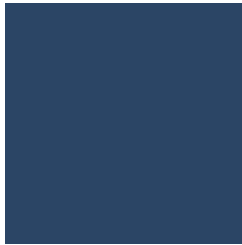
730033



F2006D

Previews

White Background



This preview shows how the Hex color 2B4565 looks on a white background.

Color Contrast Check

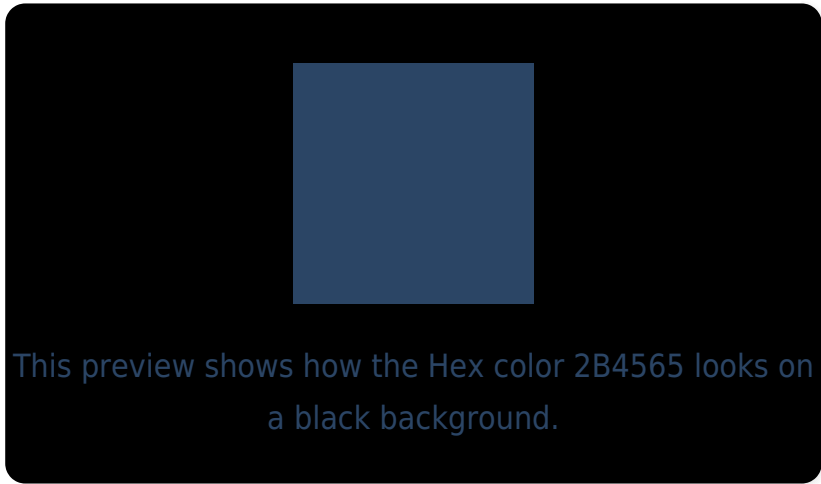
Large Text (above 18pt) WCAG AA ✓ Pass

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

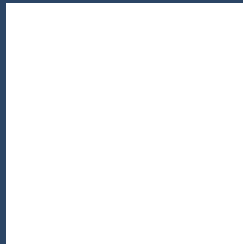
Any Text WCAG AAA × Fail

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

Hex 2B4565 Background



This preview shows how black text looks on a background with the Hex color 2B4565.

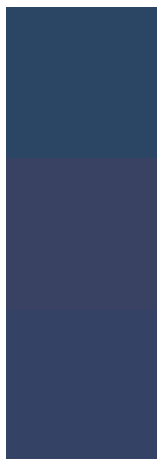


This preview shows how white text looks on a background with the Hex color 2B4565.

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

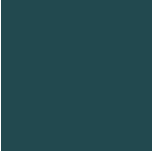
2B4565

Protanopia

394263

Deuteranopia

344365



Tritanopia
22494F

Trichromacy



Original Color
2B4565

Protanomaly
344364

Deuteranomaly
314465

Tritanomaly
254857

Monochromacy



Original Color
2B4565

Achromatopsia
414141

Achromatomaly
39424E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B4565 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 #2B4565 looks like.

```
.text, #text, p{  
    color:#2B4565  
}
```

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 #2B4565 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B4565  
}
```

Border

The CSS property to change the border of an element to Hex 2B4565 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  
#2B4565 }
```

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

```
.border{ border-color:#2B4565 }
```

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

Here you see how a box with a 4 pixel #2B4565 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B4565; -webkit-box-shadow:4px 4px  
4px 4px #2B4565; box-shadow:4px 4px 4px  
4px #2B4565 }
```

Background

The CSS property to change the background color of an element to Hex 2B4565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B4565 }
```

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

```
.background{ background-color:#2B4565 }
```

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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