

# Converting Colors

Hex(2B3D56)

Have a look what the booklet for  
Hex(2B3D56) contains.

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# Color

**Hex(2B3D56)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2B3D56
RGB	43, 61, 86
RGB Percent	17%, 24%, 34%
CMY	0.8314, 0.7608, 0.6627
CMYK	0.50, 0.29, 0.00, 0.66
HSL	215°, 33%, 25%
HSV	215°, 50%, 34%
XYZ	4.3447, 4.5230, 9.4481
YIQ	58.4680, -18.7530, 3.9590

# Conversions

## Conversions Part 2

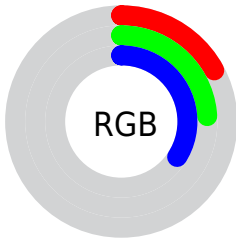
Format	Color
<b>RYB</b>	43, 56, 86
Decimal	2833750
CIELab	25.33, 0.63, -17.29
CIELCh	25, 17.297, 272.088
Yxy	4.5230, 0.2372, 0.2469
Android (android.graphics.Color)	4281023830 (0xFF2B3D56)
YUV	58.4680, 13.5733, -13.5654
Hunter-Lab	21.2673, -0.7517, -11.4529

# Details

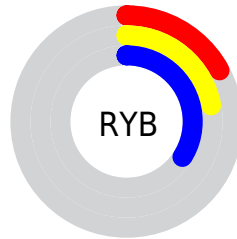
The Hex color **2B3D56** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **56442B**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **5B6C88**, and **001329** is the 20% darker color. If you saturate the color by 10%, you get **223856**, and if you desaturate by 10%, it is **344256**.

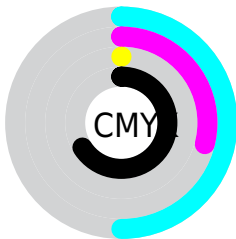
# Distribution



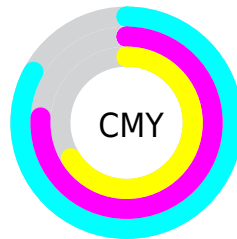
- Red (17%)
- Green (24%)
- Blue (34%)



- Red (17%)
- Yellow (22%)
- Blue (34%)



- Cyan (50%)
- Magenta (29%)
- Yellow (0%)
- Black (66%)



- Cyan (83%)
- Magenta (76%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2B3D56 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 2B3D56 by changing the saturation by 10% instead.



■ 2B3D56

■ 2B3D56

FFFFFF

■ 13273F

■ 5B6C88

■ 001329

■ 7485A2

■ 000114

■ 8EA0BD

■ 000000

■ A9BBD9

■ C5D6F6

■ E1F3FF

FEFFFF

■ 2B3D56

■ 2B3D56

■ 223856

■ 344256

■ 1A3356

■ 3C4756

■ 112E56

■ 454C56

■ 092956

■ 4D5156

■ 002456

■ 565656

■ 5F5B56

■ 676056

■ 706556

■ 786A56

# Harmonies

## Analogous

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



154153



2B3D56



3F3852

# Triad

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



2B3D56



55332F



26422F

# Complementary

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



2B3D56



56442B

# 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.



363F25



2B3D56



4F3725

# Square

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



2B3D56



55323C



443C22



16433D

# Rectangle

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



2B3D56



49354C



443C22



2C412C



# Sweetspot

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



2B3D56



5F6670



2B5643



2E3238



B8B8B8



383838



# Same Dimension

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



2B3D56



2D4970



2E2B56



27292B



002D6B



0062EB



# Inverse Universe

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



562B3D



702D49



53562B



2B2729



6B002D

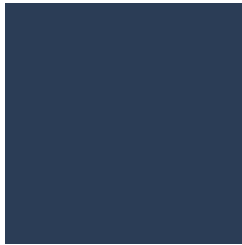


EB0062



# Previews

## White Background



This preview shows how the Hex color 2B3D56 looks on a white background.

## Color Contrast Check

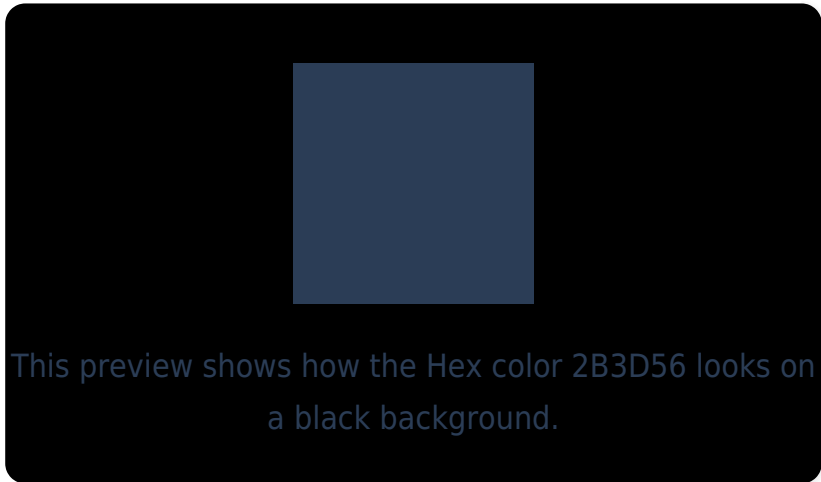
Large Text (above 18pt) WCAG AA ✓ Pass

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

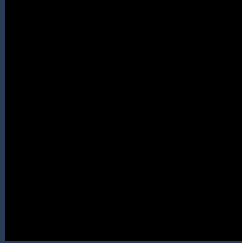
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

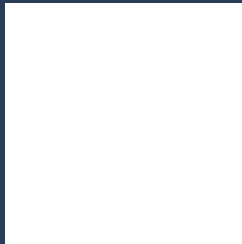
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2B3D56 Background



This preview shows how black text looks on a background with the Hex color 2B3D56.



This preview shows how white text looks on a background with the Hex color 2B3D56.

# 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**  
2B3D56

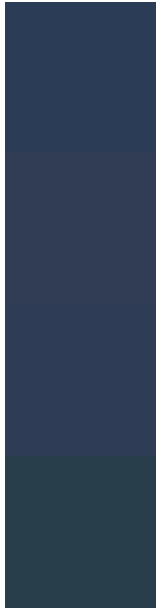
**Protanopia**  
343B54

**Deuteranopia**  
323B56



**Tritanopia**  
264045

# Trichromacy



**Original Color**  
2B3D56

**Protanomaly**  
313C55

**Deuteranomaly**  
2F3C56

**Tritanomaly**  
283F4B

# Monochromacy



**Original Color**  
2B3D56

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
353B44

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2B3D56 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 #2B3D56 looks like.

```
.text, #text, p{  
    color:#2B3D56  
}
```

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 #2B3D56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3D56
}
```

## Border

The CSS property to change the border of an element to Hex 2B3D56 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
#2B3D56 }
```

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

```
.border{ border-color:#2B3D56 }
```

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

Here you see how a box with a 4 pixel #2B3D56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3D56; -webkit-box-shadow:4px 4px  
4px 4px #2B3D56; box-shadow:4px 4px 4px  
4px #2B3D56 }
```

# Background

The CSS property to change the background color of an element to Hex 2B3D56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3D56 }
```

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

```
.background{ background-color:#2B3D56 }
```

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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