

# Converting Colors

Hex(2C3655)

Have a look what the booklet for  
Hex(2C3655) contains.

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# Color

Hex(2C3655)

# Conversions

## Conversions Part 1

Format	Color
Hex	2C3655
RGB	44, 54, 85
RGB Percent	17%, 21%, 33%
CMY	0.8275, 0.7882, 0.6667
CMYK	0.48, 0.36, 0.00, 0.67
HSL	225°, 32%, 25%
HSV	225°, 48%, 33%
XYZ	3.9976, 3.8297, 9.1228
YIQ	54.5440, -15.9110, 7.5210

# Conversions

## Conversions Part 2

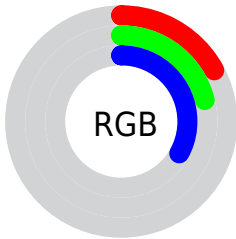
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	44, 52, 85
Decimal	2897493
CIE Lab	23.10, 5.35, -20.10
CIE LCh	23, 20.801, 284.896
Yxy	3.8297, 0.2358, 0.2259
Android (android.graphics.Color)	4281087573 (0xFF2C3655)
YUV	54.5440, 15.0148, -9.2471
Hunter-Lab	19.5696, 2.2162, -13.9408

# Details

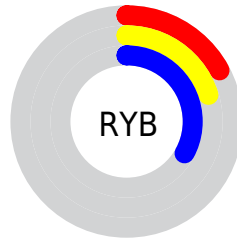
The Hex color **2C3655** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **554B2C**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5C6487**, and **000928** is the 20% darker color. If you saturate the color by 10%, you get **243055**, and if you desaturate by 10%, it is **343C55**.

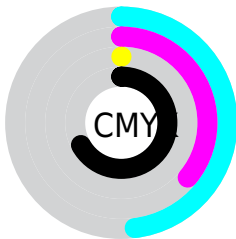
# Distribution



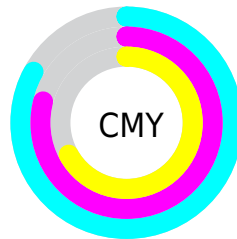
- Red (17%)
- Green (21%)
- Blue (33%)



- Red (17%)
- Yellow (20%)
- Blue (33%)



- Cyan (48%)
- Magenta (36%)
- Yellow (0%)
- Black (67%)



- Cyan (83%)
- Magenta (79%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2C3655 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 2C3655 by changing the saturation by 10% instead.



■ 2C3655

■ 2C3655

FFFFFF

■ 15213E

■ 5C6487

■ 000928

■ 757DA1

■ 000112

■ 8F97BC

■ 000000

■ AAB2D8

■ C6CDF5

■ E2EAFF

■ 2C3655

■ 2C3655

■ 243055

■ 343C55

■ 1B2955

■ 3D4355

■ 132355

■ 464955

■ 0A1C55

■ 4E5055

■ 021655

■ 565655

■ 001555

■ 5F5D55

■ 676355

■ 706955

■ 787055

# Harmonies

## Analogous

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



093B55



2C3655



42304D

# Triad

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



2C3655



512E22



113F2E

# Complementary

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



2C3655



554B2C

# 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.



283C20



2C3655



473319

# Square

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



2C3655



552B30



393918



003F3F

# Rectangle

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



2C3655



4C2D45



393918



1A3E29



# Sweetspot

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



2C3655



5E626E



2C554B



2F3138



B8B8B8



383838



# Same Dimension

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



2C3655



2E3E6E



362C55



27282B



001A6B



0039EB



# Inverse Universe

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



552C36



6E2E3E



4B552C



2B2728



6B001A

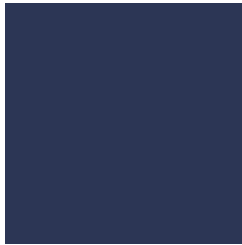


EB0039



# Previews

## White Background



This preview shows how the Hex color 2C3655 looks on a white background.

## Color Contrast Check

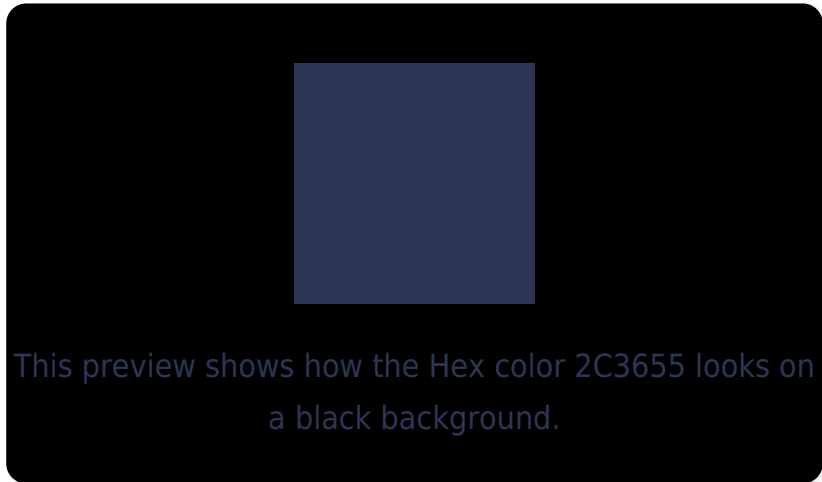
Large Text (above 18pt) WCAG AA ✓ Pass

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

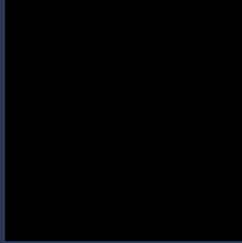
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2C3655 Background



This preview shows how black text looks on a background with the Hex color 2C3655.



This preview shows how white text looks on a background with the Hex color 2C3655.

# 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**  
2C3655

**Protanopia**  
2C3655

**Deuteranopia**  
283755



**Tritanopia**  
253A3F

# Trichromacy



**Original Color**

2C3655

**Protanomaly**

2C3655

**Deuteranomaly**

293755

**Tritanomaly**

283947

# Monochromacy



**Original Color**

2C3655

**Achromatopsia**

373737

**Achromatomaly**

333742

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2C3655 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 #2C3655 looks like.

```
.text, #text, p{  
    color:#2C3655  
}
```

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 #2C3655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C3655
}
```

## Border

The CSS property to change the border of an element to Hex 2C3655 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
#2C3655 }
```

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

```
.border{ border-color:#2C3655 }
```

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

Here you see how a box with a 4 pixel #2C3655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C3655; -webkit-box-shadow:4px 4px  
4px 4px #2C3655; box-shadow:4px 4px 4px  
4px #2C3655 }
```

# Background

The CSS property to change the background color of an element to Hex 2C3655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C3655 }
```

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

```
.background{ background-color:#2C3655 }
```

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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