

Converting Colors

Hex(2B3559)

Have a look what the booklet for
Hex(2B3559) contains.

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Color

Hex(2B3559)

Conversions

Conversions Part 1

Format	Color
Hex	2B3559
RGB	43, 53, 89
RGB Percent	17%, 21%, 35%
CMY	0.8314, 0.7922, 0.6510
CMYK	0.52, 0.40, 0.00, 0.65
HSL	227°, 35%, 26%
HSV	227°, 52%, 35%
XYZ	4.0725, 3.7811, 9.9664
YIQ	54.1140, -17.5160, 9.0760

Conversions

Conversions Part 2

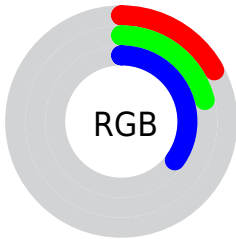
Format	Color
RYB	43, 51, 89
Decimal	2831705
CIELab	22.93, 7.14, -23.01
CIELCh	23, 24.090, 287.250
Yxy	3.7811, 0.2285, 0.2122
Android (android.graphics.Color)	4281021785 (0xFF2B3559)
YUV	54.1140, 17.1988, -9.7470
Hunter-Lab	19.4450, 3.3562, -16.7772

Details

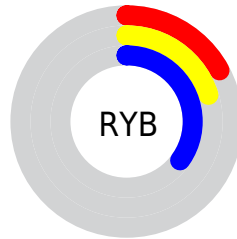
The Hex color **2B3559** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **594F2B**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **5C638B**, and **00082B** is the 20% darker color. If you saturate the color by 10%, you get **222E59**, and if you desaturate by 10%, it is **343C59**.

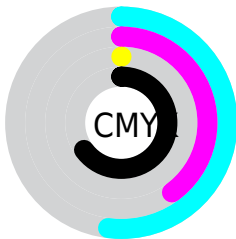
Distribution



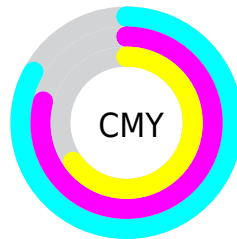
- Red (17%)
- Green (21%)
- Blue (35%)



- Red (17%)
- Yellow (20%)
- Blue (35%)



- Cyan (52%)
- Magenta (40%)
- Yellow (0%)
- Black (65%)



- Cyan (83%)
- Magenta (79%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2B3559 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 2B3559 by changing the saturation by 10% instead.



2B3559



2B3559

FFFFFF



132041



5C638B



00082B



757CA6



000116



8F96C1



000000



AAB1DD



C6CCF9



E2E8FF



2B3559



2B3559



222E59



343C59

■ 192759

■ 3D4359

■ 102059

■ 464A59

■ 071959

■ 4F5159

■ 001359

■ 585859

■ 605F59

■ 696659

■ 726D59

■ 7B7459

Harmonies

Analogous

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



003B5A



2B3559



452E4F

Triad

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



2B3559



542C1D



003F2E

Complementary

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



2B3559



594F2B

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.



223D1D



2B3559



483313

Square

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



2B3559



58282D



373913



004041

Rectangle

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



2B3559



502A45



373913



0F3F28

Sweetspot

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



2B3559



606473



2B594E



30323B



BABABA



3B3B3B

Same Dimension

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



2B3559



2C3B73



372B59



27282B



00176B



0033EB

Inverse Universe

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



592B35



732C3B



4D592B



2B2728



6B0017



EB0033

Previews

White Background



This preview shows how the Hex color 2B3559 looks on a white background.

Color Contrast Check

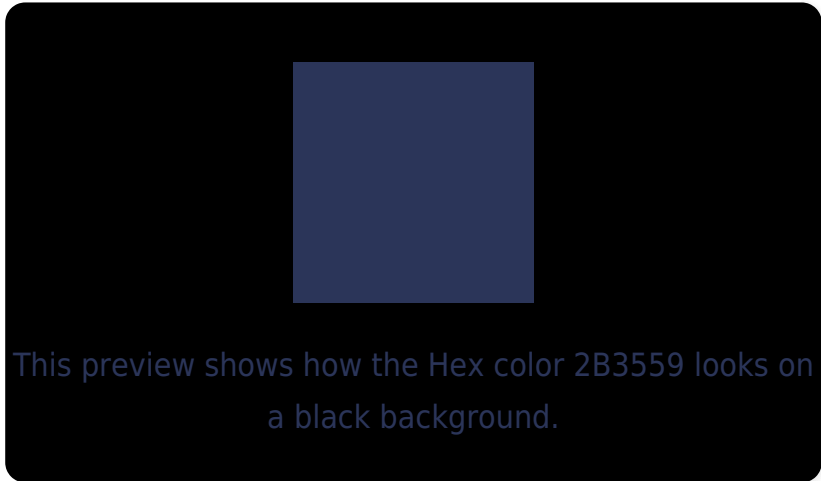
Large Text (above 18pt) WCAG AA ✓ Pass

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

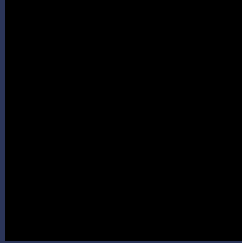
Any Text WCAG AA × Fail

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 2B3559 Background



This preview shows how black text looks on a background with the Hex color 2B3559.



This preview shows how white text looks on a background with the Hex color 2B3559.

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
2B3559

Protanopia
283659

Deuteranopia
223759



Tritanopia
223B3F

Trichromacy



Original Color
2B3559

Protanomaly
293659

Deuteranomaly
253659

Tritanomaly
253948

Monochromacy



Original Color
2B3559

Achromatopsia
363636

Achromatomaly
323643

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B3559 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 #2B3559 looks like.

```
.text, #text, p{  
    color:#2B3559  
}
```

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 #2B3559 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B3559
}
```

Border

The CSS property to change the border of an element to Hex 2B3559 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
#2B3559 }
```

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

```
.border{ border-color:#2B3559 }
```

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

Here you see how a box with a 4 pixel #2B3559 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B3559; -webkit-box-shadow:4px 4px  
4px 4px #2B3559; box-shadow:4px 4px 4px  
4px #2B3559 }
```

Background

The CSS property to change the background color of an element to Hex 2B3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B3559 }
```

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

```
.background{ background-color:#2B3559 }
```

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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