

Converting Colors

Hex(2B5951)

Have a look what the booklet for
Hex(2B5951) contains.

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Color

Hex(2B5951)

Conversions

Conversions Part 1

Format	Color
Hex	2B5951
RGB	43, 89, 81
RGB Percent	17%, 35%, 32%
CMY	0.8314, 0.6510, 0.6824
CMYK	0.52, 0.00, 0.09, 0.65
HSL	170°, 35%, 26%
HSV	170°, 52%, 35%
XYZ	6.0538, 8.2524, 9.0584
YIQ	74.3340, -24.8480, -12.2400

Conversions

Conversions Part 2

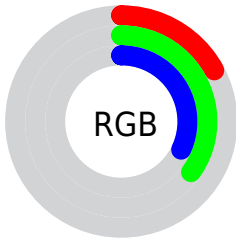
Format	Color
R_{YB}	43, 68, 89
Decimal	2840913
CIE _{Lab}	34.50, -18.01, -0.23
CIE _{LCh}	35, 18.008, 180.747
Yxy	8.2524, 0.2591, 0.3532
Android (android.graphics.Color)	4281030993 (0xFF2B5951)
YUV	74.3340, 3.2863, -27.4799
Hunter-Lab	28.7270, -12.6558, 1.4132

Details

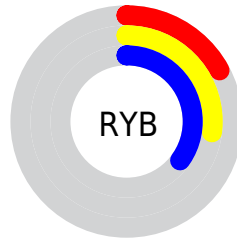
The Hex color **2B5951** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **592B33**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5C8B82**, and **002B25** is the 20% darker color. If you saturate the color by 10%, you get **22594F**, and if you desaturate by 10%, it is **345953**.

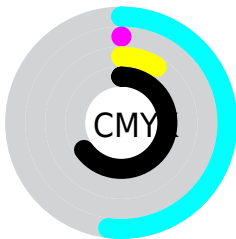
Distribution



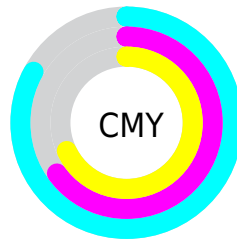
- Red (17%)
- Green (35%)
- Blue (32%)



- Red (17%)
- Yellow (27%)
- Blue (35%)



- Cyan (52%)
- Magenta (0%)
- Yellow (9%)
- Black (65%)



- Cyan (83%)
- Magenta (65%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2B5951 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 2B5951 by changing the saturation by 10% instead.

 2B5951

 2B5951

FFFFFF

 11413A

 5C8B82

 002B25

 76A69C

 00180F

 90C1B7

 000000

 ABDDD3

 C7F9EF

 E4FFFF

 2B5951

 2B5951

 22594F

 345953

■ 19594E

■ 3D5954

■ 10594C

■ 465956

■ 07594B

■ 4F5957

■ 00594A

■ 585959

■ 60595A

■ 69595C

■ 72595D

■ 7B595F

Harmonies

Analogous

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



3B5843



2B5951



22595F

Triad

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



2B5951



544D6A



674B39

Complementary

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



2B5951



592B33

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.



6D4843



2B5951



64495F

Square

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



2B5951



3F526E



6C4651



5B5034

Rectangle

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



2B5951



265767



6C4651



6A4A3C

Sweetspot

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



2B5951



607370



33592B



303B39



BABABA



3B3B3B

Same Dimension

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



2B5951



2C7366



2B4A59



272B2B



006B58



00EBC2

Inverse Universe

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



592B33



732C38



593A2B



2B2728



6B0013



EB0029

Previews

White Background



This preview shows how the Hex color 2B5951 looks on a white background.

Color Contrast Check

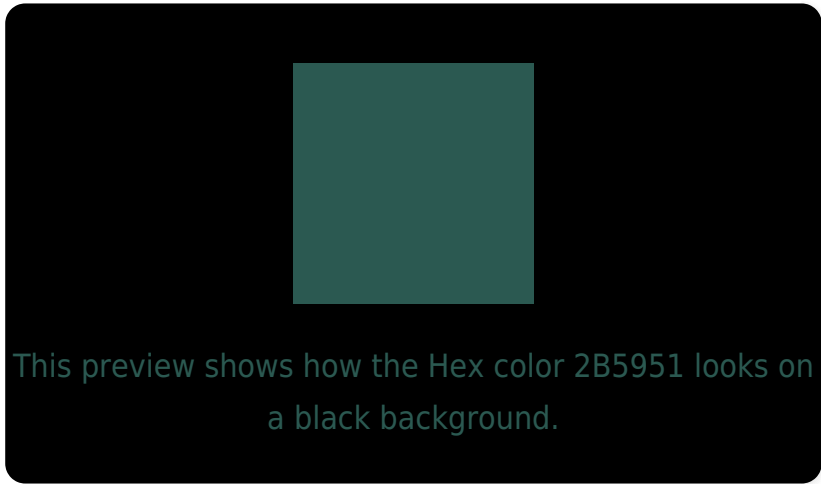
Large Text (above 18pt) WCAG AA ✓ Pass

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

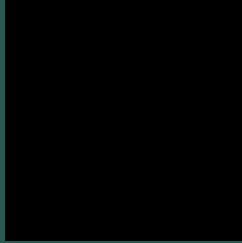
Any Text WCAG AA × Fail

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 2B5951 Background



This preview shows how black text looks on a background with the Hex color 2B5951.



This preview shows how white text looks on a background with the Hex color 2B5951.

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

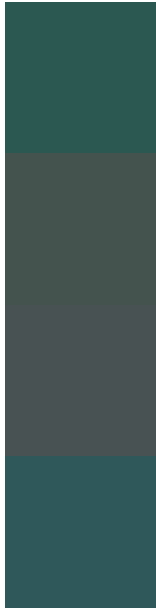


Original Color
2B5951

Protanopia
53504C

Deuteranopia
584E53

Trichromacy



Original Color
2B5951

Protanomaly
44534E

Deuteranomaly
485252

Tritanomaly
2E5859

Monochromacy



Original Color
2B5951

Achromatopsia
4A4A4A

Achromatomaly
3F4F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B5951 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 #2B5951 looks like.

```
.text, #text, p{  
    color:#2B5951  
}
```

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 #2B5951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B5951
}
```

Border

The CSS property to change the border of an element to Hex 2B5951 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
#2B5951 }
```

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

```
.border{ border-color:#2B5951 }
```

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

Here you see how a box with a 4 pixel #2B5951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B5951; -webkit-box-shadow:4px 4px  
4px 4px #2B5951; box-shadow:4px 4px 4px  
4px #2B5951 }
```

Background

The CSS property to change the background color of an element to Hex 2B5951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B5951 }
```

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

```
.background{ background-color:#2B5951 }
```

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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