

Converting Colors

Hex(2B8658)

Have a look what the booklet for
Hex(2B8658) contains.

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Color

Hex(2B8658)

Conversions

Conversions Part 1

Format	Color
Hex	2B8658
RGB	43, 134, 88
RGB Percent	17%, 53%, 35%
CMY	0.8314, 0.4745, 0.6549
CMYK	0.68, 0.00, 0.34, 0.47
HSL	150°, 51%, 35%
HSV	150°, 68%, 53%
XYZ	11.2828, 18.2684, 12.1640
YIQ	101.5470, -39.4700, -33.5980

Conversions

Conversions Part 2

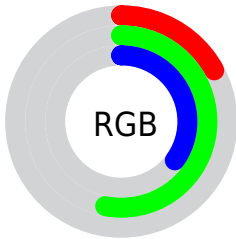
Format	Color
RYB	43, 104, 134
Decimal	2852440
CIELab	49.82, -37.97, 17.16
CIElCh	50, 41.671, 155.684
Yxy	18.2684, 0.2705, 0.4379
Android (android.graphics.Color)	4281042520 (0xFF2B8658)
YUV	101.5470, -6.6787, -51.3457
Hunter-Lab	42.7415, -27.6776, 13.0454

Details

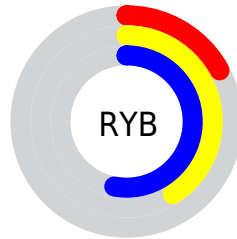
The Hex color **2B8658** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **862B59**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **64BC8A**, and **00532A** is the 20% darker color. If you saturate the color by 10%, you get **1E8651**, and if you desaturate by 10%, it is **38865F**.

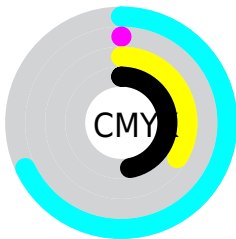
Distribution



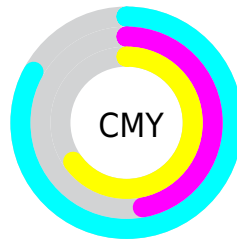
- Red (17%)
- Green (53%)
- Blue (35%)



- Red (17%)
- Yellow (41%)
- Blue (53%)



- Cyan (68%)
- Magenta (0%)
- Yellow (34%)
- Black (47%)



- Cyan (83%)
- Magenta (47%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Hex color 2B8658 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 2B8658 by changing the saturation by 10% instead.

 2B8658

 2B8658

FFFFFF

 016C40

 64BC8A

 00532A

 7FD8A5

 003B15

 9BF5C0

 002600

 B7FFDC

 000000

 D4FFF8

 F1FFFF

 2B8658

 2B8658

 1E8651

 38865F

■ 10864A

■ 468666

■ 038644

■ 53866C

■ 008642

■ 618673

■ 6E867A

■ 7B8681

■ 898687

■ 96868E

■ A48695

Harmonies

Analogous

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



5F803A



2B8658



00887C

Triad

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



2B8658



4278BD



B55E4F

Complementary

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



2B8658



862B59

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.



B85871



2B8658



826AB0

Square

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



2B8658



0082B6



A75D94



A26A35

Rectangle

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



2B8658



008894



A75D94



B85A5A

Sweetspot

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



2B8658



8BAD9C



5A862B



42574C



D6D6D6



575757

Same Dimension

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



2B8658



21AD66



2B8684



3C423F



008240



000301

Inverse Universe

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



862B59



AD2168



862B2D



423C3F



820042



030001

Previews

White Background



This preview shows how the Hex color 2B8658 looks on a white background.

Color Contrast Check

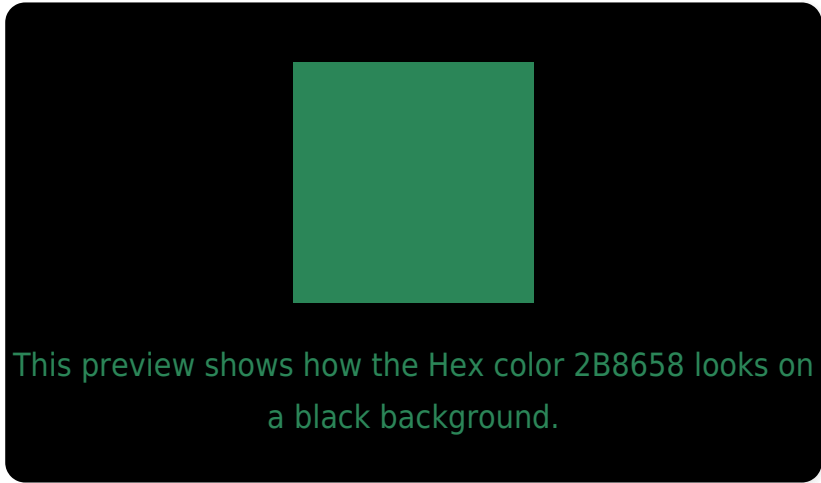
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

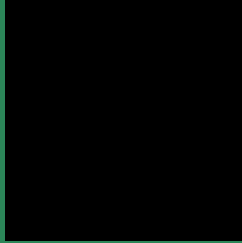
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 2B8658 Background



This preview shows how black text looks on a background with the Hex color 2B8658.

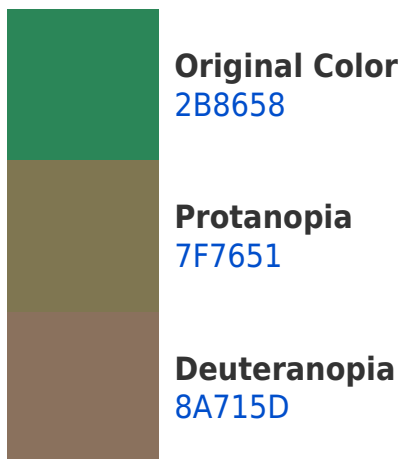


This preview shows how white text looks on a background with the Hex color 2B8658.

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





Tritanopia
3E808A

Trichromacy



Original Color
2B8658



Protanomaly
607C54



Deuteranomaly
67795B



Tritanomaly
378278

Monochromacy



Original Color
2B8658



Achromatopsia
666666



Achromatomaly
517261

CSS Examples

Text

The CSS property to change the color of the text to Hex 2B8658 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 #2B8658 looks like.

```
.text, #text, p{  
    color:#2B8658  
}
```

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 #2B8658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2B8658
}
```

Border

The CSS property to change the border of an element to Hex 2B8658 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
#2B8658 }
```

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

```
.border{ border-color:#2B8658 }
```

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

Here you see how a box with a 4 pixel #2B8658 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2B8658; -webkit-box-shadow:4px 4px  
4px 4px #2B8658; box-shadow:4px 4px 4px  
4px #2B8658 }
```

Background

The CSS property to change the background color of an element to Hex 2B8658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2B8658 }
```

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

```
.background{ background-color:#2B8658 }
```

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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