

Converting Colors

Hex(2C8455)

Have a look what the booklet for
Hex(2C8455) contains.

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Color

Hex(2C8455)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2C8455 |
| RGB | 44, 132, 85 |
| RGB Percent | 17%, 52%, 33% |
| CMY | 0.8275, 0.4824, 0.6667 |
| CMYK | 0.67, 0.00, 0.36, 0.48 |
| HSL | 148°, 50%, 35% |
| HSV | 148°, 67%, 52% |
| XYZ | 10.9297, 17.6939, 11.4335 |
| YIQ | 100.3300, -37.3610, -33.2730 |

Conversions

Conversions Part 2

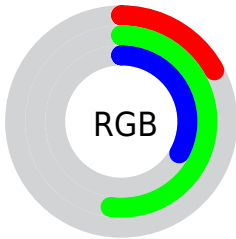
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 44, 104, 132 |
| Decimal | 2917461 |
| CIELab | 49.12, -37.56, 17.92 |
| CIElCh | 49, 41.617, 154.488 |
| Yxy | 17.6939, 0.2729, 0.4417 |
| Android (android.graphics.Color) | 4281107541 (0xFF2C8455) |
| YUV | 100.3300, -7.5577, -49.4014 |
| Hunter-Lab | 42.0641, -27.2319, 13.3291 |

Details

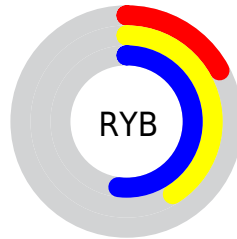
The Hex color **2C8455** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **842C5B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **64BA87**, and **005127** is the 20% darker color. If you saturate the color by 10%, you get **1F844E**, and if you desaturate by 10%, it is **39845C**.

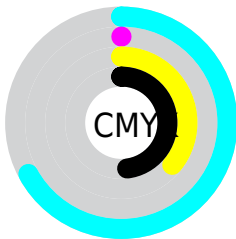
Distribution



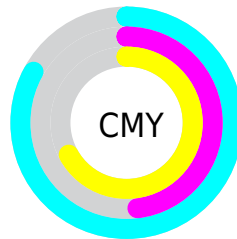
- Red (17%)
- Green (52%)
- Blue (33%)



- Red (17%)
- Yellow (41%)
- Blue (52%)



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



- Cyan (83%)
- Magenta (48%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C8455 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 2C8455 by changing the saturation by 10% instead.

 2C8455

 2C8455

FFFFFF

 046A3E


 64BA87

 005127

 7FD6A1

 003A12

 9BF2BC

 002500

 B7FFD8

 000000

 D4FFF5

 F1FFFF

 2C8455

 2C8455

 1F844E

 39845C

■ 128447

■ 468463

■ 048440

■ 54846A

■ 00843D

■ 618471

■ 6E8478

■ 7B847F

■ 888486

■ 96848D

■ A38494

Harmonies

Analogous

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



5F7E38



2C8455



008679

Triad

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



2C8455



3C77BB



B35B4F

Complementary

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



2C8455



842C5B

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.



B55671



2C8455



7E69AF

Square

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



2C8455



0080B4



A45C94



A16835

Rectangle

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



2C8455



008691



A45C94



B65859

Sweetspot

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



2C8455



89AB99



5C842C



42574C



D6D6D6



575757

Same Dimension

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



2C8455



22AB62



2C8480



3C423F



00823D



000301

Inverse Universe

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



842C5B



AB226B



842C30



423C3F



820045



030001

Previews

White Background



This preview shows how the Hex color 2C8455 looks on a white background.

Color Contrast Check

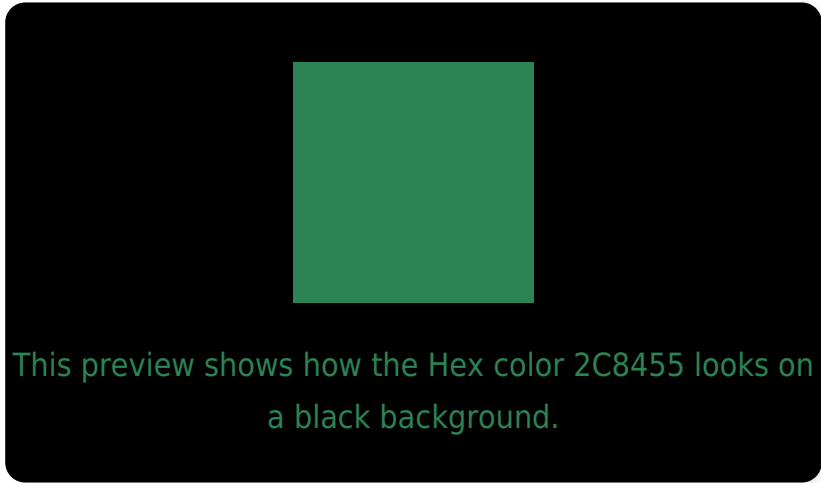
Large Text (above 18pt) WCAG AA ✓ Pass

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 2C8455 Background



This preview shows how black text looks on a background with the Hex color 2C8455.



This preview shows how white text looks on a background with the Hex color 2C8455.

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
2C8455

Protanopia
7E744E

Deuteranopia
886F5A



Tritanopia
3E7E88

Trichromacy



Original Color
2C8455



Protanomaly
607A51



Deuteranomaly
677758



Tritanomaly
378075

Monochromacy



Original Color
2C8455



Achromatopsia
646464



Achromatomaly
50705F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C8455 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 #2C8455 looks like.

```
.text, #text, p{  
    color:#2C8455  
}
```

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 #2C8455 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C8455
}
```

Border

The CSS property to change the border of an element to Hex 2C8455 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
#2C8455 }
```

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

```
.border{ border-color:#2C8455 }
```

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

Here you see how a box with a 4 pixel #2C8455 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C8455; -webkit-box-shadow:4px 4px  
4px 4px #2C8455; box-shadow:4px 4px 4px  
4px #2C8455 }
```

Background

The CSS property to change the background color of an element to Hex 2C8455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C8455 }
```

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

```
.background{ background-color:#2C8455 }
```

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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