

Converting Colors

Hex(2C8544)

Have a look what the booklet for
Hex(2C8544) contains.

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Color

Hex(2C8544)

Conversions

Conversions Part 1

Format	Color
Hex	2C8544
RGB	44, 133, 68
RGB Percent	17%, 52%, 27%
CMY	0.8275, 0.4784, 0.7333
CMYK	0.67, 0.00, 0.49, 0.48
HSL	136°, 50%, 35%
HSV	136°, 67%, 52%
XYZ	10.4696, 17.7279, 8.3389
YIQ	98.9790, -32.1790, -39.0830

Conversions

Conversions Part 2

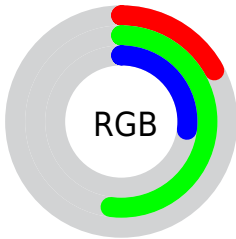
Format	Color
RYB	44, 114, 133
Decimal	2917700
CIELab	49.16, -41.20, 27.42
CIELCh	49, 49.489, 146.356
Yxy	17.7279, 0.2866, 0.4852
Android (android.graphics.Color)	4281107780 (0xFF2C8544)
YUV	98.9790, -15.2726, -48.2166
Hunter-Lab	42.1045, -29.2974, 17.7307

Details

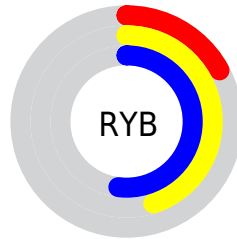
The Hex color **2C8544** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **852C6D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **65BB75**, and **005216** is the 20% darker color. If you saturate the color by 10%, you get **1F853A**, and if you desaturate by 10%, it is **39854E**.

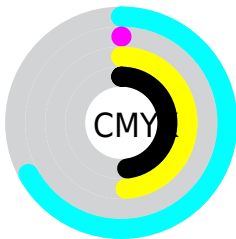
Distribution



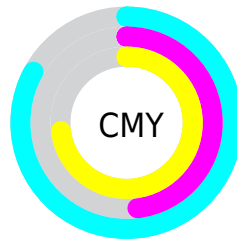
- Red (17%)
- Green (52%)
- Blue (27%)



- Red (17%)
- Yellow (45%)
- Blue (52%)



- Cyan (67%)
- Magenta (0%)
- Yellow (49%)
- Black (48%)



- Cyan (83%)
- Magenta (48%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C8544 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 2C8544 by changing the saturation by 10% instead.



2C8544



2C8544

FFFFFF



036B2D



65BB75



005216



80D78F



003A00



9CF4AA



002600



B8FFC5



000000



D5FFE2



F2FFFE



2C8544



2C8544



1F853A



39854E

■ 118531

■ 478557

■ 048527

■ 548561

■ 008524

■ 61856B

■ 6F8575

■ 7C857E

■ 898588

■ 968592

■ A4859B

Harmonies

Analogous

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



667D23



2C8544



00896E

Triad

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



2C8544



007BC9



C05152

Complementary

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



2C8544



852C6D

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.



BD4E7C



2C8544



6C6CC0

Square

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



2C8544



0085BA



A35AA4



AE612F

Rectangle

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



2C8544



00898B



A35AA4



C14E60

Sweetspot

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



2C8544



8BAD94



6D852C



425748



D6D6D6



575757

Same Dimension

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



2C8544



23AD48



2C8570



3C423D



008223



000301

Inverse Universe

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



852C6D



AD2388



852C41



423C41



82005F



030002

Previews

White Background



This preview shows how the Hex color 2C8544 looks on a white background.

Color Contrast Check

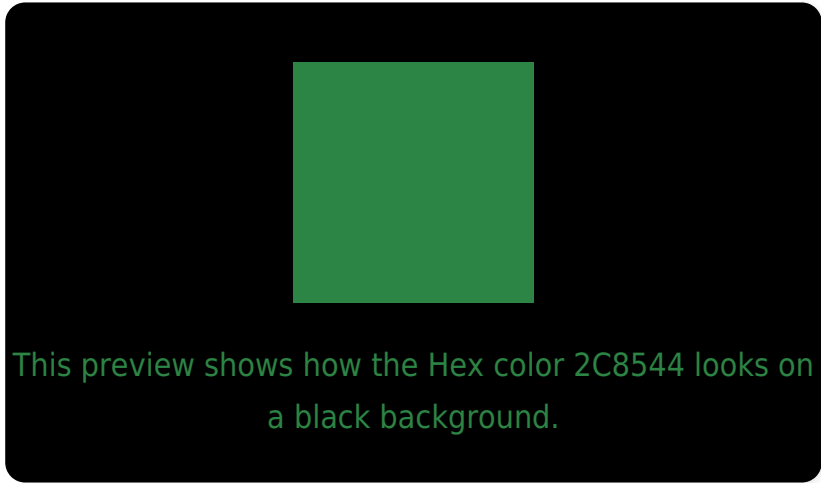
Large Text (above 18pt) WCAG AA ✓ Pass

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 2C8544 Background



This preview shows how black text looks on a background with the Hex color 2C8544.



This preview shows how white text looks on a background with the Hex color 2C8544.

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
2C8544

Protanopia
80743E

Deuteranopia
8C6F49



Tritanopia
417D88

Trichromacy



Original Color
2C8544



Protanomaly
617A40



Deuteranomaly
697747



Tritanomaly
39806F

Monochromacy



Original Color
2C8544



Achromatopsia
636363



Achromatomaly
4F6F58

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C8544 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 #2C8544 looks like.

```
.text, #text, p{  
    color:#2C8544  
}
```

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 #2C8544 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C8544
}
```

Border

The CSS property to change the border of an element to Hex 2C8544 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
#2C8544 }
```

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

```
.border{ border-color:#2C8544 }
```

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

Here you see how a box with a 4 pixel #2C8544 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C8544; -webkit-box-shadow:4px 4px  
4px 4px #2C8544; box-shadow:4px 4px 4px  
4px #2C8544 }
```

Background

The CSS property to change the background color of an element to Hex 2C8544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C8544 }
```

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

```
.background{ background-color:#2C8544 }
```

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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