

Converting Colors

Hex(2D8352)

Have a look what the booklet for
Hex(2D8352) contains.

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Color

Hex(2D8352)

Conversions

Conversions Part 1

Format	Color
Hex	2D8352
RGB	45, 131, 82
RGB Percent	18%, 51%, 32%
CMY	0.8235, 0.4863, 0.6784
CMYK	0.66, 0.00, 0.37, 0.49
HSL	146°, 49%, 35%
HSV	146°, 66%, 51%
XYZ	10.7215, 17.3997, 10.7760
YIQ	99.7000, -35.5270, -33.4710

Conversions

Conversions Part 2

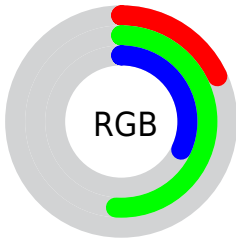
Format	Color
RYB	45, 105, 131
Decimal	2982738
CIELab	48.76, -37.55, 19.14
CIELCh	49, 42.147, 152.987
Yxy	17.3997, 0.2756, 0.4473
Android (android.graphics.Color)	4281172818 (0xFF2D8352)
YUV	99.7000, -8.7261, -47.9719
Hunter-Lab	41.7129, -27.1178, 13.8822

Details

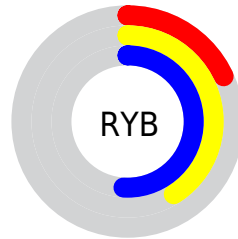
The Hex color **2D8352** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **832D5E**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **65B984**, and **005024** is the 20% darker color. If you saturate the color by 10%, you get **20834B**, and if you desaturate by 10%, it is **3A8359**.

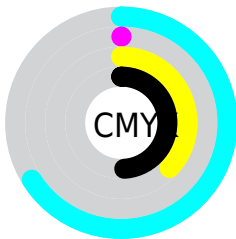
Distribution



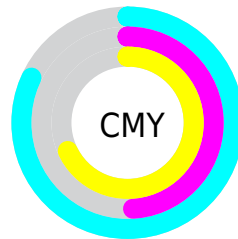
- Red (18%)
- Green (51%)
- Blue (32%)



- Red (18%)
- Yellow (41%)
- Blue (51%)



- Cyan (66%)
- Magenta (0%)
- Yellow (37%)
- Black (49%)



- Cyan (82%)
- Magenta (49%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D8352 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 2D8352 by changing the saturation by 10% instead.



2D8352



2D8352

FFFFFF



07693B



65B984



005024



80D59E



00390F



9CF1B9



002500



B8FFD5



000000



D4FFF1



F2FFFF



2D8352



2D8352



20834B



3A8359

■ 138343

■ 478361

■ 06833C

■ 548368

■ 008338

■ 618370

■ 6F8377

■ 7C837F

■ 898386

■ 96838E

■ A38395

Harmonies

Analogous

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



607D35



2D8352



008676

Triad

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



2D8352



3477BB



B35A4F

Complementary

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



2D8352



832D5E

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.



B55472



2D8352



7A69B0

Square

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



2D8352



0080B3



A25B95



A16634

Rectangle

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



2D8352



00858F



A25B95



B6575A

Sweetspot

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



2D8352



89AB97



5F832D



42574B



D6D6D6



575757

Same Dimension

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



2D8352



24AB5E



2D837C



3C423F



008238



000301

Inverse Universe

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



832D5E



AB2471



832D34



423C3F



82004A



030001

Previews

White Background



This preview shows how the Hex color 2D8352 looks on a white background.

Color Contrast Check

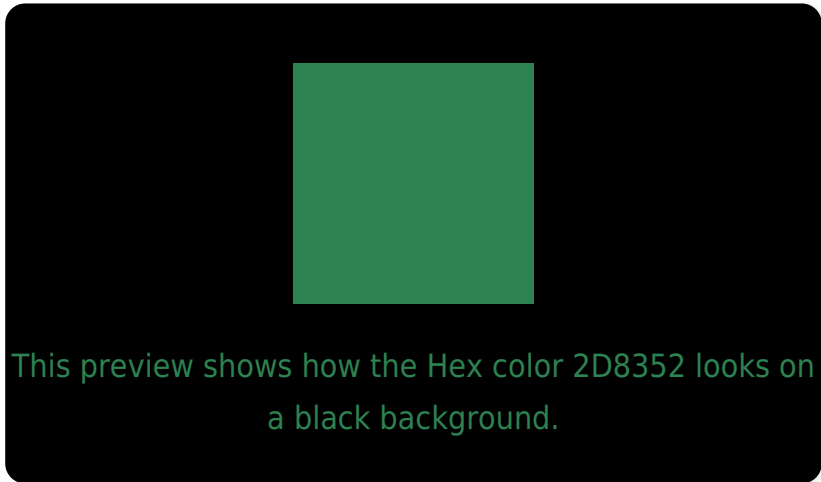
Large Text (above 18pt) WCAG AA ✓ Pass

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

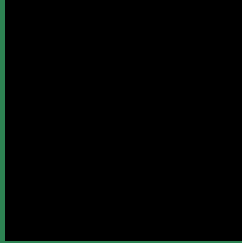
Any Text WCAG AA × Fail

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 2D8352 Background



This preview shows how black text looks on a background with the Hex color 2D8352.



This preview shows how white text looks on a background with the Hex color 2D8352.

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
2D8352

Protanopia
7D734B

Deuteranopia
886E57



Tritanopia
3F7D87

Trichromacy



Original Color
2D8352



Protanomaly
60794E



Deuteranomaly
677655



Tritanomaly
387F74

Monochromacy



Original Color
2D8352



Achromatopsia
646464



Achromatomaly
506F5D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2D8352 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 #2D8352 looks like.

```
.text, #text, p{  
    color:#2D8352  
}
```

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 #2D8352 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D8352
}
```

Border

The CSS property to change the border of an element to Hex 2D8352 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
#2D8352 }
```

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

```
.border{ border-color:#2D8352 }
```

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

Here you see how a box with a 4 pixel #2D8352 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D8352; -webkit-box-shadow:4px 4px  
4px 4px #2D8352; box-shadow:4px 4px 4px  
4px #2D8352 }
```

Background

The CSS property to change the background color of an element to Hex 2D8352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D8352 }
```

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

```
.background{ background-color:#2D8352 }
```

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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