

Converting Colors

Hex(2D8553)

Have a look what the booklet for
Hex(2D8553) contains.

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Color

Hex(2D8553)

Conversions

Conversions Part 1

Format	Color
Hex	2D8553
RGB	45, 133, 83
RGB Percent	18%, 52%, 33%
CMY	0.8235, 0.4784, 0.6745
CMYK	0.66, 0.00, 0.38, 0.48
HSL	146°, 49%, 35%
HSV	146°, 66%, 52%
XYZ	11.0311, 17.9575, 11.0684
YIQ	100.9880, -36.3980, -34.2060

Conversions

Conversions Part 2

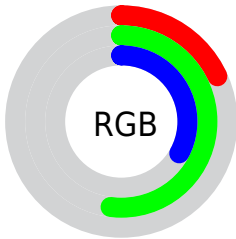
Format	Color
R_{YB}	45, 106, 133
Decimal	2983251
CIE _{Lab}	49.44, -38.20, 19.49
CIE _{LCh}	49, 42.884, 152.962
Yxy	17.9575, 0.2754, 0.4483
Android (android.graphics.Color)	4281173331 (0xFF2D8553)
YUV	100.9880, -8.8681, -49.1015
Hunter-Lab	42.3763, -27.6928, 14.1773

Details

The Hex color **2D8553** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **852D5F**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **65BB85**, and **005225** is the 20% darker color. If you saturate the color by 10%, you get **20854B**, and if you desaturate by 10%, it is **3A855B**.

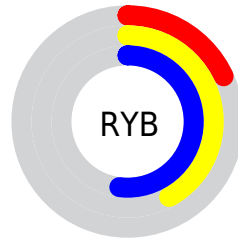
Distribution



Red (18%)

Green (52%)

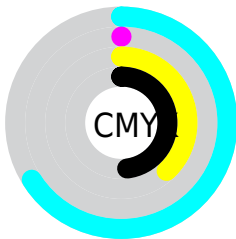
Blue (33%)



Red (18%)

Yellow (42%)

Blue (52%)

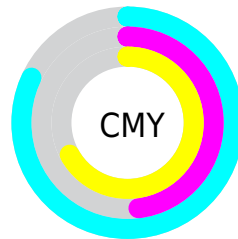


Cyan (66%)

Magenta (0%)

Yellow (38%)

Black (48%)



Cyan (82%)

Magenta (48%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2D8553 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 2D8553 by changing the saturation by 10% instead.

 2D8553

 2D8553

FFFFFF

 066B3C

 65BB85

 005225

 80D79F

 003A10

 9CF4BA

 002600

 B8FFD6

 000000

 D5FFF3

 F2FFFF

 2D8553

 2D8553

 20854B

 3A855B

■ 128544

■ 488562

■ 05853C

■ 55856A

■ 008539

■ 628571

■ 708579

■ 7D8580

■ 8A8588

■ 97858F

■ A58597

Harmonies

Analogous

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



617F35



2D8553



008878

Triad

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



2D8553



3478BE



B65B50

Complementary

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



2D8553



852D5F

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.



B85573



2D8553



7C6AB3

Square

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



2D8553



0082B6



A55C97



A46834

Rectangle

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



2D8553



008791



A55C97



B9585B

Sweetspot

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



2D8553



8BAD9A



60852D



42574B



D6D6D6



575757

Same Dimension

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



2D8553



24AD60



2D857E



3C423F



008238



000301

Inverse Universe

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



852D5F



AD2472



852D34



423C3F



82004A



030001

Previews

White Background



This preview shows how the Hex color 2D8553 looks on a white background.

Color Contrast Check

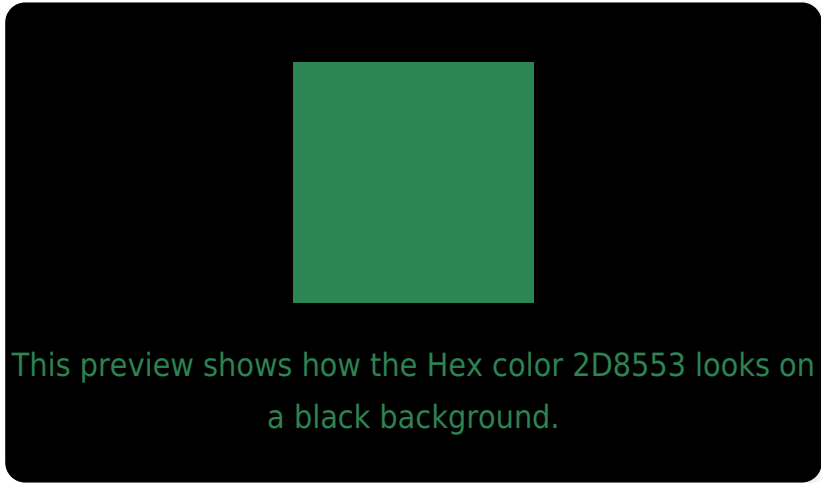
Large Text (above 18pt) WCAG AA ✓ Pass

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

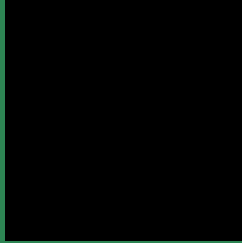
Any Text WCAG AA ✓ Pass

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 2D8553 Background



This preview shows how black text looks on a background with the Hex color 2D8553.



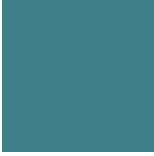
This preview shows how white text looks on a background with the Hex color 2D8553.

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



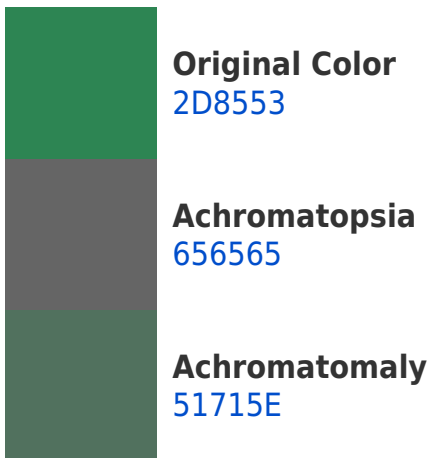


Tritanopia
3F7F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2D8553 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 #2D8553 looks like.

```
.text, #text, p{  
    color:#2D8553  
}
```

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 #2D8553 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D8553
}
```

Border

The CSS property to change the border of an element to Hex 2D8553 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
#2D8553 }
```

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

```
.border{ border-color:#2D8553 }
```

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

Here you see how a box with a 4 pixel #2D8553 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D8553; -webkit-box-shadow:4px 4px  
4px 4px #2D8553; box-shadow:4px 4px 4px  
4px #2D8553 }
```

Background

The CSS property to change the background color of an element to Hex 2D8553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D8553 }
```

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

```
.background{ background-color:#2D8553 }
```

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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