

Converting Colors

Hex(294D52)

Have a look what the booklet for
Hex(294D52) contains.

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Color

Hex(294D52)

Conversions

Conversions Part 1

Format	Color
Hex	294D52
RGB	41, 77, 82
RGB Percent	16%, 30%, 32%
CMY	0.8392, 0.6980, 0.6784
CMYK	0.50, 0.06, 0.00, 0.68
HSL	187°, 33%, 24%
HSV	187°, 50%, 32%
XYZ	5.0913, 6.3884, 8.9474
YIQ	66.8060, -23.0610, -6.0770

Conversions

Conversions Part 2

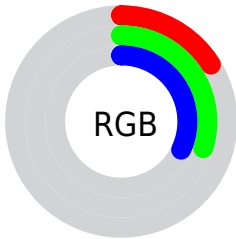
Format	Color
RYB	41, 60, 82
Decimal	2706770
CIELab	30.37, -11.40, -7.00
CIELCh	30, 13.376, 211.555
Yxy	6.3884, 0.2492, 0.3127
Android (android.graphics.Color)	4280896850 (0xFF294D52)
YUV	66.8060, 7.4906, -22.6319
Hunter-Lab	25.2752, -8.2755, -3.2959

Details

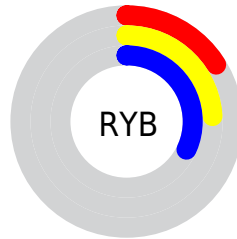
The Hex color **294D52** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **522E29**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **5A7E83**, and **002125** is the 20% darker color. If you saturate the color by 10%, you get **214C52**, and if you desaturate by 10%, it is **314E52**.

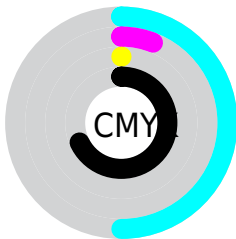
Distribution



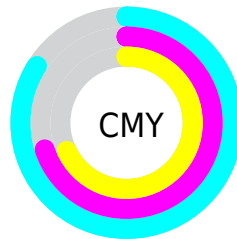
- Red (16%)
- Green (30%)
- Blue (32%)



- Red (16%)
- Yellow (24%)
- Blue (32%)



- Cyan (50%)
- Magenta (6%)
- Yellow (0%)
- Black (68%)



- Cyan (84%)
- Magenta (70%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 294D52 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 294D52 by changing the saturation by 10% instead.

■ 294D52

■ 294D52

FFFFFF

■ 10363B

■ 5A7E83

■ 002125

■ 73989D

■ 000311

■ 8DB3B8

■ 000000

■ A8CED4

■ C3EBF0

■ E0FFFF

■ F0FFFF

■ 294D52

■ 294D52

■ 214C52

■ 314E52

■ 194B52

■ 394F52

■ 104A52

■ 425052

■ 084952

■ 4A5152

■ 004852

■ 525252

■ 5A5352

■ 625452

■ 6B5552

■ 735652

Harmonies

Analogous

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



2D4D48



294D52



2F4B59

Triad

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



294D52



554152



4F4733

Complementary

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



294D52



522E29

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.



584436



294D52



5C4047

Square

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



294D52



4A4559



5C413D



434A36

Rectangle

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



294D52



37495C



5C413D



524633

Sweetspot

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



294D52



5B696B



29522E



2C3436



B5B5B5



363636

Same Dimension

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



294D52



2B636B



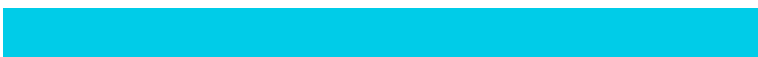
293952



252829



005C69



00CCE8

Inverse Universe

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



52294D



6B2B63



524229



292528



69005C



E800CC

Previews

White Background



This preview shows how the Hex color 294D52 looks on a white background.

Color Contrast Check

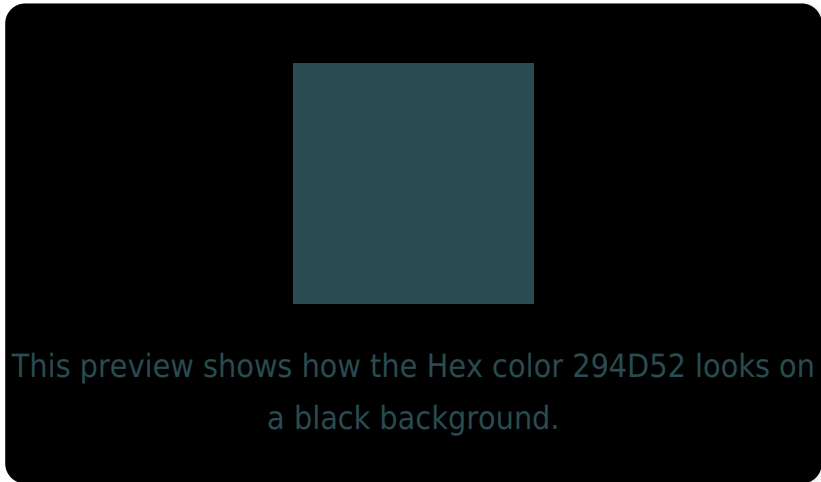
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

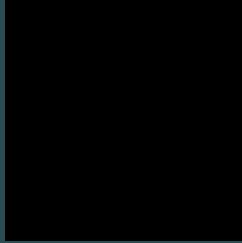
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

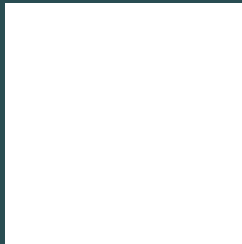
Any Text WCAG AAA × Fail

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

Hex 294D52 Background



This preview shows how black text looks on a background with the Hex color 294D52.



This preview shows how white text looks on a background with the Hex color 294D52.

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
294D52

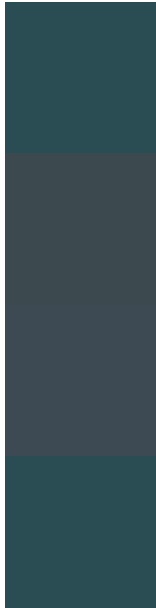
Protanopia
47474E

Deuteranopia
484654



Tritanopia
294D53

Trichromacy



Original Color
294D52

Protanomaly
3C494F

Deuteranomaly
3D4953

Tritanomaly
294D53

Monochromacy



Original Color
294D52

Achromatopsia
434343

Achromatomaly
3A4748

CSS Examples

Text

The CSS property to change the color of the text to Hex 294D52 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 #294D52 looks like.

```
.text, #text, p{  
    color:#294D52  
}
```

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 #294D52 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294D52
}
```

Border

The CSS property to change the border of an element to Hex 294D52 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
#294D52 }
```

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

```
.border{ border-color:#294D52 }
```

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

Here you see how a box with a 4 pixel #294D52 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294D52; -webkit-box-shadow:4px 4px  
4px 4px #294D52; box-shadow:4px 4px 4px  
4px #294D52 }
```

Background

The CSS property to change the background color of an element to Hex 294D52 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294D52 }
```

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

```
.background{ background-color:#294D52 }
```

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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