

Converting Colors

Hex(294654)

Have a look what the booklet for
Hex(294654) contains.

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Color

Hex(294654)

Conversions

Conversions Part 1

Format	Color
Hex	294654
RGB	41, 70, 84
RGB Percent	16%, 27%, 33%
CMY	0.8392, 0.7255, 0.6706
CMYK	0.51, 0.17, 0.00, 0.67
HSL	200°, 34%, 25%
HSV	200°, 51%, 33%
XYZ	4.7048, 5.4918, 9.1996
YIQ	62.9250, -21.7780, -1.7940

Conversions

Conversions Part 2

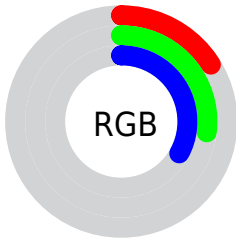
Format	Color
R_{YB}	41, 58, 84
Decimal	2704980
CIE _{Lab}	28.09, -6.47, -11.74
CIE _{LCh}	28, 13.403, 241.147
Yxy	5.4918, 0.2426, 0.2831
Android (android.graphics.Color)	4280895060 (0xFF294654)
YUV	62.9250, 10.3900, -19.2282
Hunter-Lab	23.4346, -5.1742, -6.8708

Details

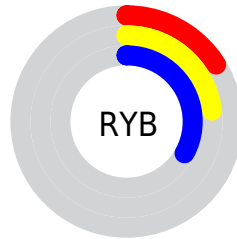
The Hex color **294654** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **543729**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **597686**, and **001B27** is the 20% darker color. If you saturate the color by 10%, you get **214354**, and if you desaturate by 10%, it is **314954**.

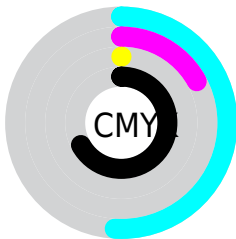
Distribution



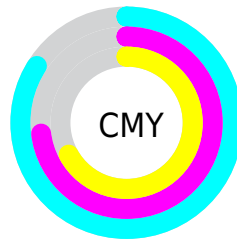
- Red (16%)
- Green (27%)
- Blue (33%)



- Red (16%)
- Yellow (23%)
- Blue (33%)



- Cyan (51%)
- Magenta (17%)
- Yellow (0%)
- Black (67%)



- Cyan (84%)
- Magenta (73%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 294654 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 294654 by changing the saturation by 10% instead.

■ 294654

■ 294654

FFFFFF

■ 11303D

■ 597686

■ 001B27

■ 7390A0

■ 000112

■ 8DAABB

■ 000000

■ A7C6D6

■ C3E2F3

■ DFFEFF

■ FCEFFF

■ 294654

■ 294654

■ 214354

■ 314954

■ 184154

■ 3A4B54

■ 103E54

■ 424E54

■ 073B54

■ 4B5154

■ 003954

■ 535454

■ 5B5654

■ 645954

■ 6C5C54

■ 755F54

Harmonies

Analogous

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



23484D



294654



364357

Triad

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



294654



563B42



3E4530

Complementary

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



294654



543729

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.



49422E



294654



573C38

Square

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



294654



503C4C



523E31



324738

Rectangle

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



294654



404155



523E31



42442F

Sweetspot

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



294654



5D686E



295437



2E3538



B8B8B8



383838

Same Dimension

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



294654



2B586E



293154



252729



004769



009CE8

Inverse Universe

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



542946



6E2B58



544C29



292527



690047



E8009C

Previews

White Background



This preview shows how the Hex color 294654 looks on a white background.

Color Contrast Check

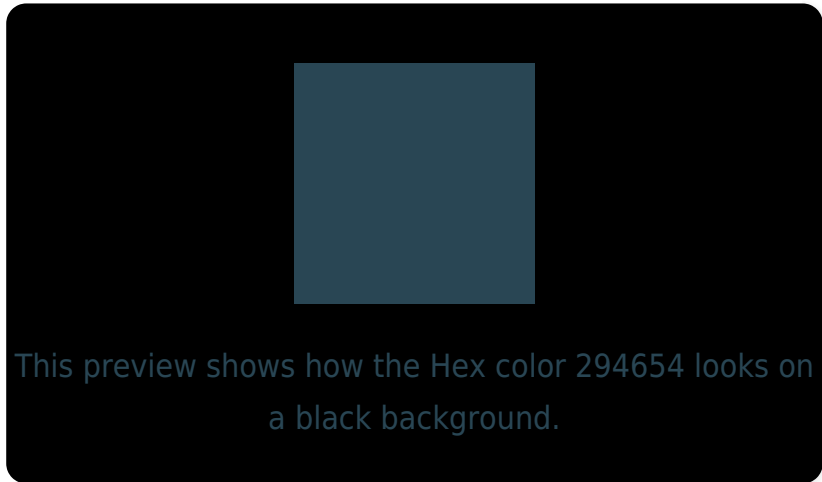
Large Text (above 18pt) WCAG AA ✓ Pass

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

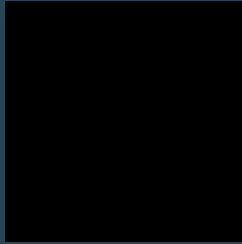
Any Text WCAG AA × Fail

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 294654 Background



This preview shows how black text looks on a background with the Hex color 294654.



This preview shows how white text looks on a background with the Hex color 294654.

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

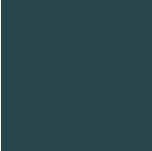
294654

Protanopia

3F4151

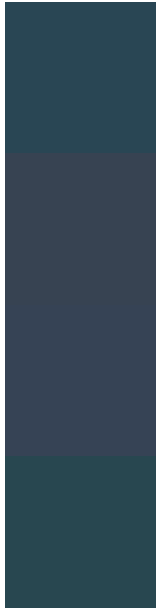
Deuteranopia

3E4155



Tritanopia
27474D

Trichromacy



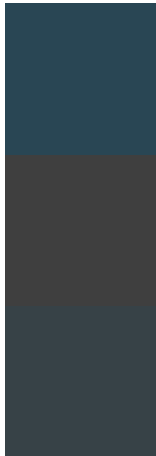
Original Color
294654

Protanomaly
374352

Deuteranomaly
364355

Tritanomaly
284750

Monochromacy



Original Color
294654

Achromatopsia
3F3F3F

Achromatomaly
374247

CSS Examples

Text

The CSS property to change the color of the text to Hex 294654 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 #294654 looks like.

```
.text, #text, p{  
    color:#294654  
}
```

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 #294654 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #294654
}
```

Border

The CSS property to change the border of an element to Hex 294654 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
#294654 }
```

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

```
.border{ border-color:#294654 }
```

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

Here you see how a box with a 4 pixel #294654 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #294654; -webkit-box-shadow:4px 4px  
4px 4px #294654; box-shadow:4px 4px 4px  
4px #294654 }
```

Background

The CSS property to change the background color of an element to Hex 294654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#294654 }
```

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

```
.background{ background-color:#294654 }
```

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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