

Converting Colors

Hex(295858)

Have a look what the booklet for
Hex(295858) contains.

Hex(295858)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(295858)

Conversions

Conversions Part 1

Format	Color
Hex	295858
RGB	41, 88, 88
RGB Percent	16%, 35%, 35%
CMY	0.8392, 0.6549, 0.6549
CMYK	0.53, 0.00, 0.00, 0.65
HSL	180°, 36%, 25%
HSV	180°, 53%, 35%
XYZ	6.1656, 8.1554, 10.4817
YIQ	73.9470, -28.0120, -9.9640

Conversions

Conversions Part 2

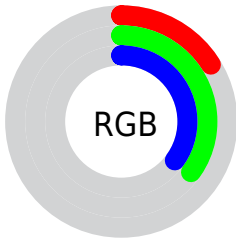
Format	Color
R_{YB}	41, 65, 88
Decimal	2709592
CIE Lab	34.30, -15.93, -4.93
CIE LCh	34, 16.674, 197.196
Yxy	8.1554, 0.2486, 0.3288
Android (android.graphics.Color)	4280899672 (0xFF295858)
YUV	73.9470, 6.9281, -28.8945
Hunter-Lab	28.5577, -11.4378, -1.7711

Details

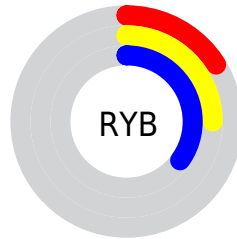
The Hex color **295858** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **582929**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5B8A8A**, and **002A2B** is the 20% darker color. If you saturate the color by 10%, you get **205858**, and if you desaturate by 10%, it is **325858**.

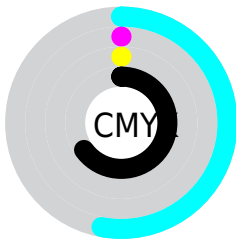
Distribution



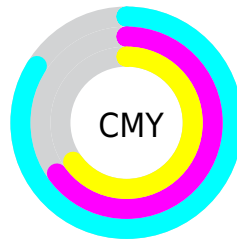
- Red (16%)
- Green (35%)
- Blue (35%)



- Red (16%)
- Yellow (25%)
- Blue (35%)



- Cyan (53%)
- Magenta (0%)
- Yellow (0%)
- Black (65%)



- Cyan (84%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 295858 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 295858 by changing the saturation by 10% instead.

■ 295858

■ 295858

FFFFFF

■ 0E4141

■ 5B8A8A

■ 002A2B

■ 75A4A4

■ 001716

■ 8FC0BF

■ 000000

■ AACDCB

■ C6F8F7

■ E2FFFF

■ 295858

■ 295858

■ 205858

■ 325858

■ 175858

■ 3B5858

■ 0F5858

■ 435858

■ 065858

■ 4C5858

■ 005858

■ 555858

■ 5E5858

■ 675858

■ 6F5858

■ 785858

Harmonies

Analogous

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



34584A



295858



2A5764

Triad

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



295858



5C4B63



5F4E37

Complementary

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



295858



582929

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.



684A3E



295858



674757

Square

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



295858



4B4F6A



6B4749



525237

Rectangle

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



295858



325569



6B4749



634C39

Sweetspot

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



295858



607373



295829



303B3B



BABABA



3B3B3B

Same Dimension

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



295858



297373



294158



272B2B



006B6B



00EBEB

Inverse Universe

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



582958



732973



584129



2B272B



6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 295858 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

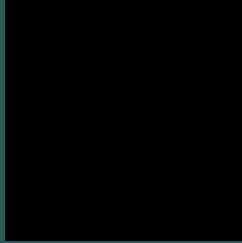
Any Text WCAG AA × Fail

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 295858 Background



This preview shows how black text looks on a background with the Hex color 295858.

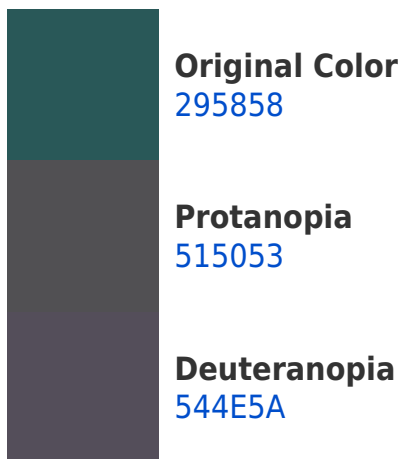


This preview shows how white text looks on a background with the Hex color 295858.

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](#).

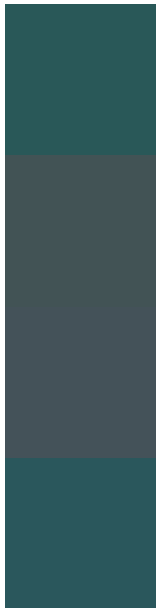
Dichromacy





Tritanopia
2B575E

Trichromacy



Original Color
295858

Protanomaly
425355

Deuteranomaly
445259

Tritanomaly
2A575C

Monochromacy



Original Color
295858

Achromatopsia
4A4A4A

Achromatomaly
3E4F4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 295858 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 #295858 looks like.

```
.text, #text, p{  
    color:#295858  
}
```

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 #295858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #295858
}
```

Border

The CSS property to change the border of an element to Hex 295858 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
#295858 }
```

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

```
.border{ border-color:#295858 }
```

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

Here you see how a box with a 4 pixel #295858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #295858; -webkit-box-shadow:4px 4px  
4px 4px #295858; box-shadow:4px 4px 4px  
4px #295858 }
```

Background

The CSS property to change the background color of an element to Hex 295858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#295858 }
```

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

```
.background{ background-color:#295858 }
```

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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