

Converting Colors

Hex(29535E)

Have a look what the booklet for
Hex(29535E) contains.

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Color

Hex(29535E)

Conversions

Conversions Part 1

Format	Color
Hex	29535E
RGB	41, 83, 94
RGB Percent	16%, 33%, 37%
CMY	0.8392, 0.6745, 0.6314
CMYK	0.56, 0.12, 0.00, 0.63
HSL	192°, 39%, 26%
HSV	192°, 56%, 37%
XYZ	6.0281, 7.4661, 11.7131
YIQ	71.6960, -28.5630, -5.4830

Conversions

Conversions Part 2

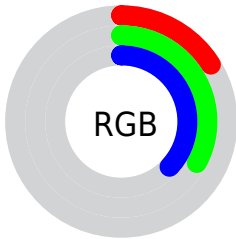
Format	Color
R_{YB}	41, 64, 94
Decimal	2708318
CIE Lab	32.85, -11.14, -10.90
CIE LCh	33, 15.590, 224.375
Yxy	7.4661, 0.2391, 0.2962
Android (android.graphics.Color)	4280898398 (0xFF29535E)
YUV	71.6960, 10.9959, -26.9204
Hunter-Lab	27.3241, -8.4376, -6.2890




Details

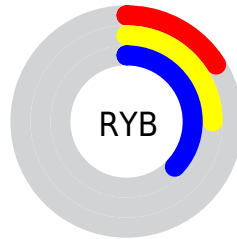
The Hex color **29535E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E3429**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **5B8590**, and **002630** is the 20% darker color. If you saturate the color by 10%, you get **20515E**, and if you desaturate by 10%, it is **32555E**.

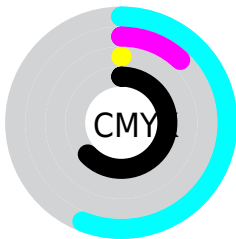
Distribution







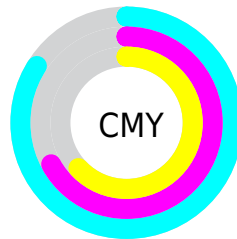
-  Red (16%)
-  Green (33%)
-  Blue (37%)






-  Red (16%)
-  Yellow (25%)
-  Blue (37%)



-  Cyan (56%)
-  Magenta (12%)
-  Yellow (0%)
-  Black (63%)



-  Cyan (84%)
-  Magenta (67%)
-  Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29535E 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 29535E by changing the saturation by 10% instead.

■ 29535E

■ 29535E

FFFFFF

■ 0E3C46

■ 5B8590

■ 002630

■ 759FAB

■ 00121B

■ 8FBAC6

■ 000000

■ AAD5E2

■ C6F2FF

■ E3FFFF

■ 29535E

■ 29535E

■ 20515E

■ 32555E

■ 164F5E

■ 3C575E

■ 0D4D5E

■ 45595E

■ 034B5E

■ 4F5B5E

■ 004A5E

■ 585D5E

■ 615F5E

■ 6B615E

■ 74635E

■ 7E655E

Harmonies

Analogous

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



2A5453



29535E



355065

Triad

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



29535E



624554



504E35

Complementary

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



29535E



5E3429

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.



5C4A36



29535E



664448

Square

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



29535E



56485F



64463D



42523B

Rectangle

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



29535E



404E66



64463D



544D35

Sweetspot

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



29535E



66767A



295E34



313B3D



BDBDBD



3D3D3D

Same Dimension

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



29535E



27697A



29395E



292D2E



00576E



00BCED

Inverse Universe

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



5E2953



7A2769



5E4E29



2E292D



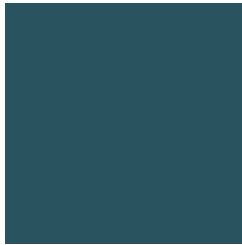
6E0057



ED00BC

Previews

White Background



This preview shows how the Hex color 29535E looks on a white background.

Color Contrast Check

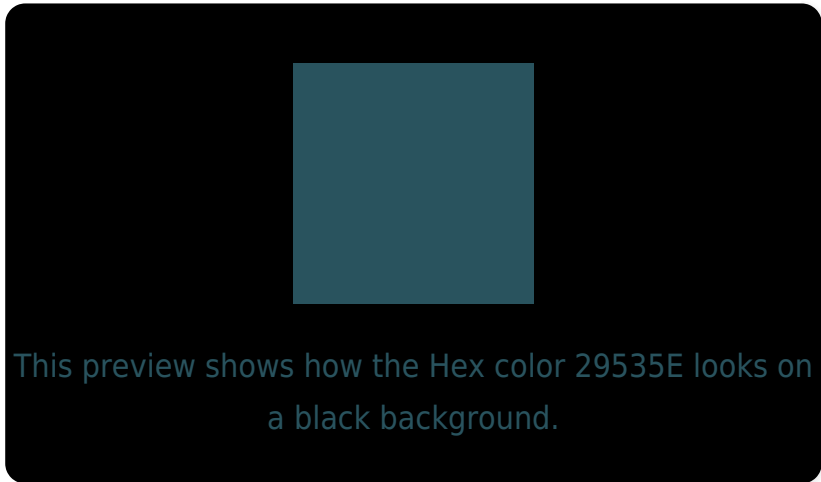
Large Text (above 18pt) WCAG AA ✓ Pass

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

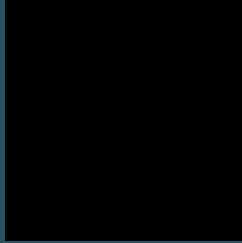
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

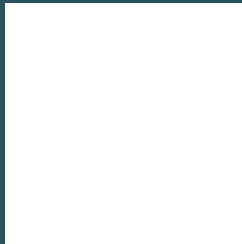
Any Text WCAG AAA × Fail

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

Hex 29535E Background



This preview shows how black text looks on a background with the Hex color 29535E.

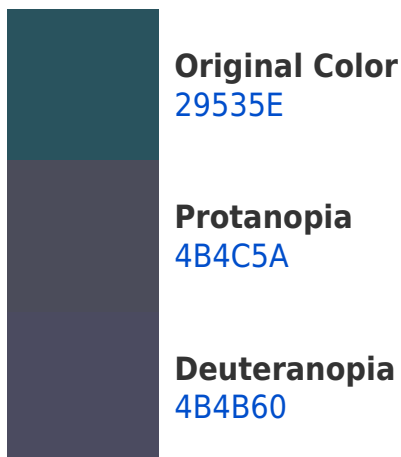


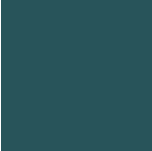
This preview shows how white text looks on a background with the Hex color 29535E.

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](#).

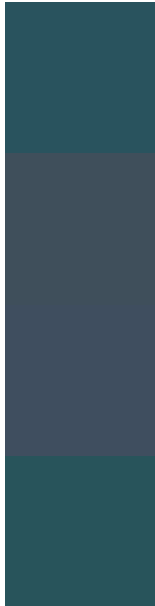
Dichromacy





Tritanopia
28545A

Trichromacy



Original Color
29535E

Protanomaly
3F4F5B

Deuteranomaly
3F4E5F

Tritanomaly
28545B

Monochromacy



Original Color
29535E

Achromatopsia
484848

Achromatomaly
3D4C50

CSS Examples

Text

The CSS property to change the color of the text to Hex 29535E 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 #29535E looks like.

```
.text, #text, p{  
    color:#29535E  
}
```

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 #29535E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29535E
}
```

Border

The CSS property to change the border of an element to Hex 29535E is called "border". The border property can be set on classes, ids or directly on the HTML element.

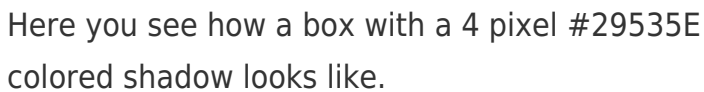
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29535E }
```

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

```
.border{ border-color:#29535E }
```

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



Here you see how a box with a 4 pixel #29535E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29535E; -webkit-box-shadow:4px 4px  
4px 4px #29535E; box-shadow:4px 4px 4px  
4px #29535E }
```

Background

The CSS property to change the background color of an element to Hex 29535E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29535E }
```

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

```
.background{ background-color:#29535E }
```

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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