

Converting Colors

Hex(29584E)

Have a look what the booklet for
Hex(29584E) contains.

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Color

Hex(29584E)

Conversions

Conversions Part 1

Format	Color
Hex	29584E
RGB	41, 88, 78
RGB Percent	16%, 35%, 31%
CMY	0.8392, 0.6549, 0.6941
CMYK	0.53, 0.00, 0.11, 0.65
HSL	167°, 36%, 25%
HSV	167°, 53%, 35%
XYZ	5.7793, 8.0009, 8.4475
YIQ	72.8070, -24.8020, -13.0740

Conversions

Conversions Part 2

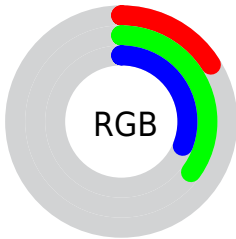
Format	Color
R_{YB}	41, 67, 88
Decimal	2709582
CIE _{Lab}	33.98, -18.84, 0.88
CIE _{LCh}	34, 18.858, 177.325
Yxy	8.0009, 0.2600, 0.3600
Android (android.graphics.Color)	4280899662 (0xFF29584E)
YUV	72.8070, 2.5601, -27.8947
Hunter-Lab	28.2859, -13.0296, 2.0934




Details

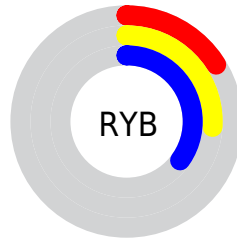
The Hex color **29584E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **582933**, and the grayscale version is **494949**.




A 20% lighter version of the original color is **5A8A7F**, and **002A22** is the 20% darker color. If you saturate the color by 10%, you get **20584C**, and if you desaturate by 10%, it is **325850**.

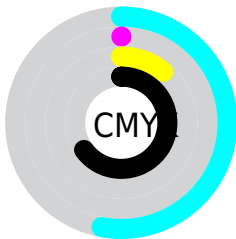
Distribution







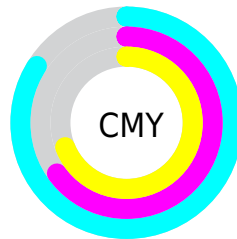
-  Red (16%)
-  Green (35%)
-  Blue (31%)






-  Red (16%)
-  Yellow (26%)
-  Blue (35%)



-  Cyan (53%)
-  Magenta (0%)
-  Yellow (11%)
-  Black (65%)



-  Cyan (84%)
-  Magenta (65%)
-  Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 29584E 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 29584E by changing the saturation by 10% instead.

 29584E

 29584E

FFFFFF

 0F4037

 5A8A7F

 002A22

 74A599

 00170C

 8EC0B4

 000000

 A9DCCF

 C5F8EB

 E1FFFF

 FEFFFF

 29584E

 29584E

■ 20584C

■ 325850

■ 17584A

■ 3B5852

■ 0F5848

■ 435854

■ 065847

■ 4C5855

■ 005845

■ 555857

■ 5E5859

■ 67585B

■ 6F585D

■ 78585F

Harmonies

Analogous

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



3B563F



29584E



1D585D

Triad

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



29584E



504D6A



674937

Complementary

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



29584E



582933

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.



6D4643



29584E



624860

Square

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



29584E



3A526E



6C4552



5B4F32

Rectangle

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



29584E



205765



6C4552



6A483B

Sweetspot

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



29584E



60736F



335829



303B38



BABABA



3B3B3B

Same Dimension

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



29584E



297363



294B58



272B2A



006B54



00EBB9

Inverse Universe

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



582933



732939



583629



2B2728



6B0017



EB0032

Previews

White Background



This preview shows how the Hex color 29584E looks on a white background.

Color Contrast Check

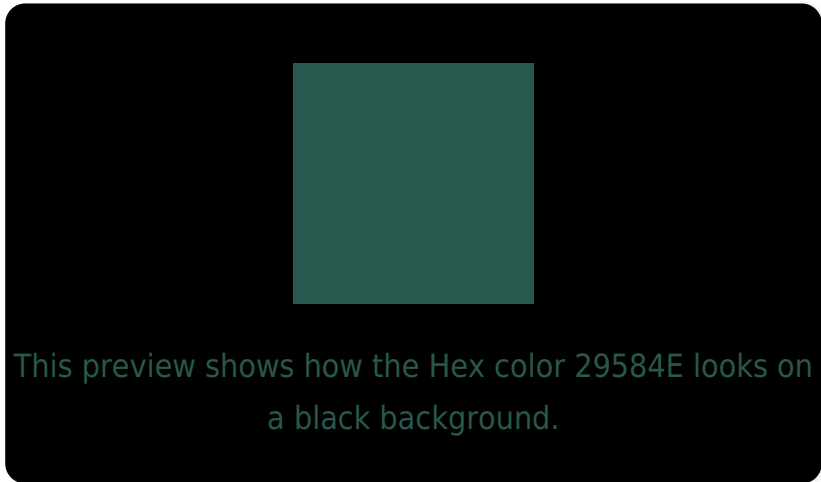
Large Text (above 18pt) WCAG AA ✓ Pass

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 29584E Background



This preview shows how black text looks on a background with the Hex color 29584E.



This preview shows how white text looks on a background with the Hex color 29584E.

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](#).

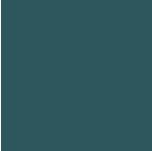
Dichromacy



Original Color
29584E

Protanopia
534F49

Deuteranopia
574D50



Tritanopia
2E565D

Trichromacy



Original Color
29584E

Protanomaly
44524B

Deuteranomaly
46514F

Tritanomaly
2C5758

Monochromacy



Original Color
29584E

Achromatopsia
494949

Achromatomaly
3D4E4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 29584E 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 #29584E looks like.

```
.text, #text, p{  
    color:#29584E  
}
```

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 #29584E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29584E
}
```

Border

The CSS property to change the border of an element to Hex 29584E is called "border". The border property can be set on classes, ids or directly on the HTML element.

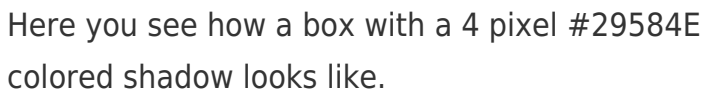
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#29584E }
```

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

```
.border{ border-color:#29584E }
```

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



Here you see how a box with a 4 pixel #29584E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29584E; -webkit-box-shadow:4px 4px  
4px 4px #29584E; box-shadow:4px 4px 4px  
4px #29584E }
```

Background

The CSS property to change the background color of an element to Hex 29584E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29584E }
```

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

```
.background{ background-color:#29584E }
```

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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