

Converting Colors

Hex(28665E)

Have a look what the booklet for
Hex(28665E) contains.

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Color

Hex(28665E)

Conversions

Conversions Part 1

Format	Color
Hex	28665E
RGB	40, 102, 94
RGB Percent	16%, 40%, 37%
CMY	0.8431, 0.6000, 0.6314
CMYK	0.61, 0.00, 0.08, 0.60
HSL	172°, 44%, 28%
HSV	172°, 61%, 40%
XYZ	7.6468, 10.7620, 12.2639
YIQ	82.5500, -34.3840, -15.6320

Conversions

Conversions Part 2

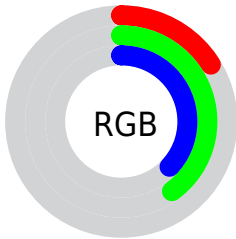
Format	Color
RYB	40, 73, 102
Decimal	2647646
CIELab	39.18, -21.98, -1.45
CIELCh	39, 22.029, 183.787
Yxy	10.7620, 0.2493, 0.3509
Android (android.graphics.Color)	4280837726 (0xFF28665E)
YUV	82.5500, 5.6449, -37.3163
Hunter-Lab	32.8055, -15.8020, 0.7990

Details

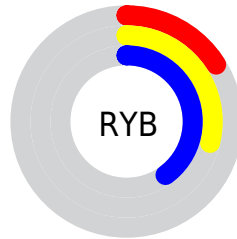
The Hex color **28665E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **662830**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **5C9990**, and **003730** is the 20% darker color. If you saturate the color by 10%, you get **1E665D**, and if you desaturate by 10%, it is **32665F**.

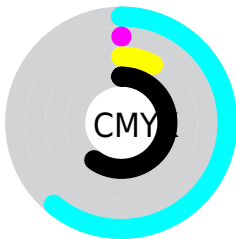
Distribution



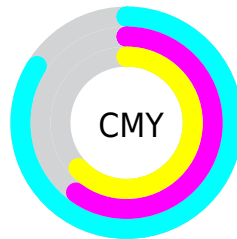
- Red (16%)
- Green (40%)
- Blue (37%)



- Red (16%)
- Yellow (29%)
- Blue (40%)



- Cyan (61%)
- Magenta (0%)
- Yellow (8%)
- Black (60%)



- Cyan (84%)
- Magenta (60%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28665E 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 28665E by changing the saturation by 10% instead.



28665E



28665E

FFFFFF



084E46



5C9990



003730



77B4AB



00211B



91D0C6



000000



ADECE2



C9FFFF



E6FFFF



28665E



28665E



1E665D



32665F

■ 14665B

■ 3C6661

■ 09665A

■ 476662

■ 006659

■ 516663

■ 5B6665

■ 656666

■ 6F6667

■ 7A6669

■ 84666A

Harmonies

Analogous

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



3E654C



28665E



1B6570

Triad

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



28665E



62577A



75563D

Complementary

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



28665E



662830

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.



7E5149



28665E



75516C

Square

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



28665E



475D80



7F4F5B



665C38

Rectangle

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



28665E



236479



7F4F5B



795440

Sweetspot

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



28665E



6D8582



306628



344240



C2C2C2



424242

Same Dimension

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



28665E



248578



284F66



2E3332



007364



00F2D3

Inverse Universe

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



662830



852430



663F28



332E2F



73000F



F2001F

Previews

White Background



This preview shows how the Hex color 28665E looks on a white background.

Color Contrast Check

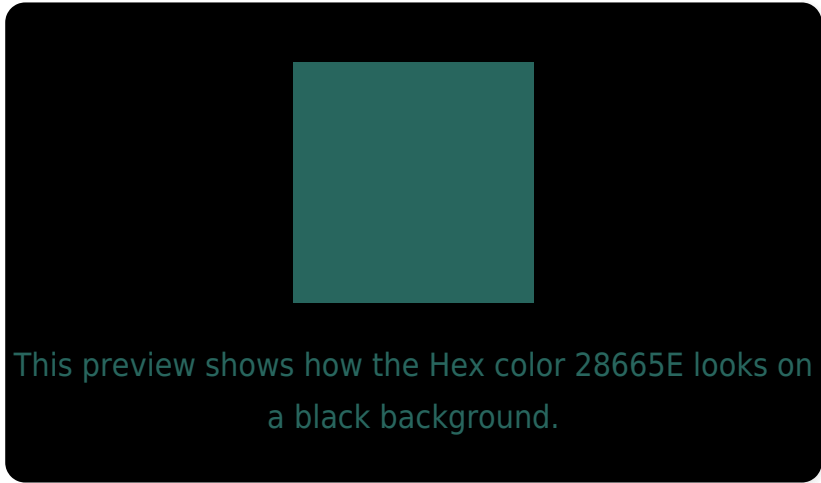
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

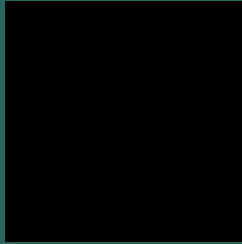
Any Text WCAG AA × Fail

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 28665E Background



This preview shows how black text looks on a background with the Hex color 28665E.

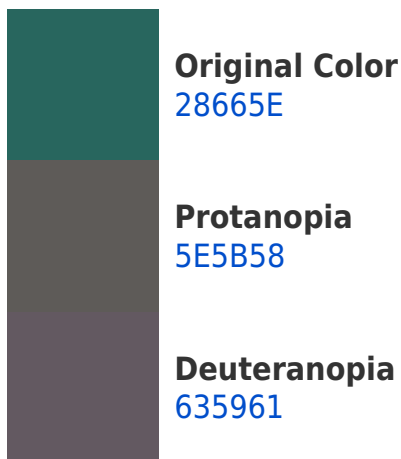



This preview shows how white text looks on a background with the Hex color 28665E.

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](#).

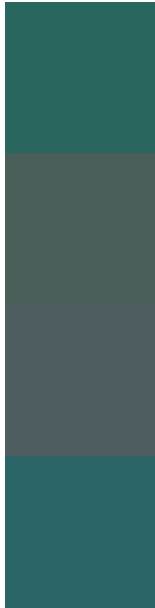
Dichromacy





Tritanopia
2E646C

Trichromacy



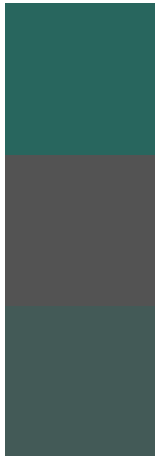
Original Color
28665E

Protanomaly
4A5F5A

Deuteranomaly
4E5E60

Tritanomaly
2C6567

Monochromacy



Original Color
28665E

Achromatopsia
535353

Achromatomaly
435A57

CSS Examples

Text

The CSS property to change the color of the text to Hex 28665E 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 #28665E looks like.

```
.text, #text, p{  
    color:#28665E  
}
```

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 #28665E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28665E
}
```

Border

The CSS property to change the border of an element to Hex 28665E 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
#28665E }
```

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

```
.border{ border-color:#28665E }
```

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

Here you see how a box with a 4 pixel #28665E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28665E; -webkit-box-shadow:4px 4px  
4px 4px #28665E; box-shadow:4px 4px 4px  
4px #28665E }
```

Background

The CSS property to change the background color of an element to Hex 28665E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28665E }
```

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

```
.background{ background-color:#28665E }
```

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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