

Converting Colors

Hex(28505E)

Have a look what the booklet for
Hex(28505E) contains.

Hex(28505E)	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(28505E)

Conversions

Conversions Part 1

Format	Color
Hex	28505E
RGB	40, 80, 94
RGB Percent	16%, 31%, 37%
CMY	0.8431, 0.6863, 0.6314
CMYK	0.57, 0.15, 0.00, 0.63
HSL	196°, 40%, 26%
HSV	196°, 57%, 37%
XYZ	5.7641, 6.9966, 11.6364
YIQ	69.6360, -28.3340, -4.1260

Conversions

Conversions Part 2

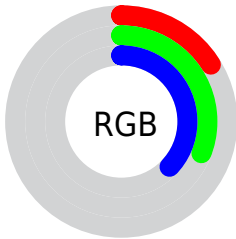
Format	Color
R_{YB}	40, 63, 94
Decimal	2642014
CIE Lab	31.80, -9.59, -12.50
CIE LCh	32, 15.753, 232.505
Yxy	6.9966, 0.2363, 0.2868
Android (android.graphics.Color)	4280832094 (0xFF28505E)
YUV	69.6360, 12.0115, -25.9908
Hunter-Lab	26.4511, -7.3913, -7.5671

Details

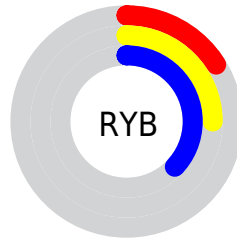
The Hex color **28505E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E3628**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **5A8190**, and **002330** is the 20% darker color. If you saturate the color by 10%, you get **1F4E5E**, and if you desaturate by 10%, it is **31525E**.

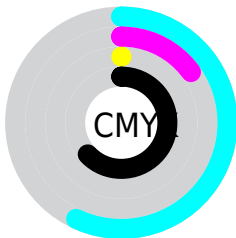
Distribution



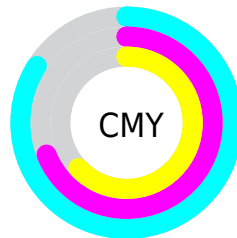
- Red (16%)
- Green (31%)
- Blue (37%)



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



- Cyan (57%)
- Magenta (15%)
- Yellow (0%)
- Black (63%)



- Cyan (84%)
- Magenta (69%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28505E 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 28505E by changing the saturation by 10% instead.

■ 28505E

■ 28505E

FFFFFF

■ 0D3946

■ 5A8190

■ 002330

■ 749BAB

■ 000D1B

■ 8EB6C6

■ 000000

■ A9D2E2

■ C5EEFF

■ E1FFFF

FEFFFF

■ 28505E

■ 28505E

■ 1F4E5E

■ 31525E

■ 154B5E

■ 3B555E

■ 0C495E

■ 44575E

■ 02465E

■ 4E5A5E

■ 00465E

■ 575C5E

■ 605F5E

■ 6A615E

■ 73635E

■ 7D665E

Harmonies

Analogous

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



255254



28505E



374D63

Triad

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



28505E



61424E



4A4D34

Complementary

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



28505E



5E3628

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.



574932



28505E



644242

Square

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



28505E



58455A



604538



3C503B

Rectangle

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



28505E



434A63



604538



4E4C33

Sweetspot

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



28505E



66757A



285E35



313A3D



BDBDBD



3D3D3D

Same Dimension

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



28505E



26657A



28355E



292D2E



00516E



00B0ED

Inverse Universe

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



5E2850



7A2665



5E5128



2E292D



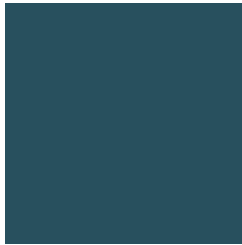
6E0051



ED00B0

Previews

White Background



This preview shows how the Hex color 28505E looks on a white background.

Color Contrast Check

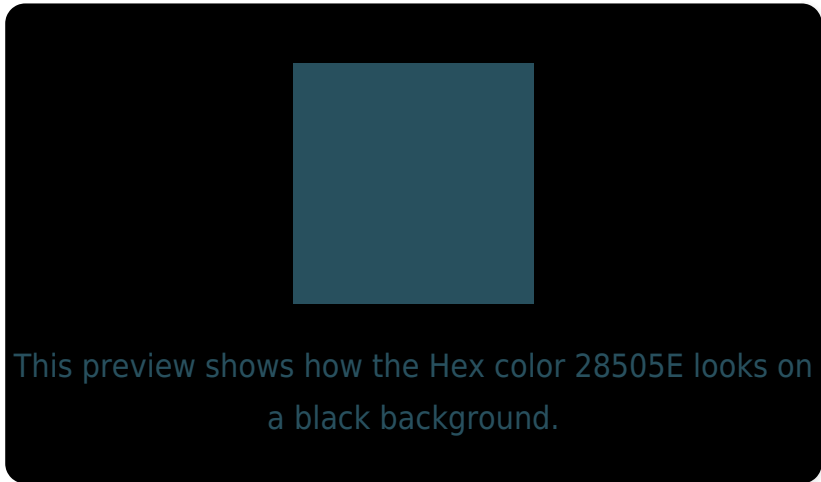
Large Text (above 18pt) WCAG AA ✓ Pass

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 28505E Background



This preview shows how black text looks on a background with the Hex color 28505E.

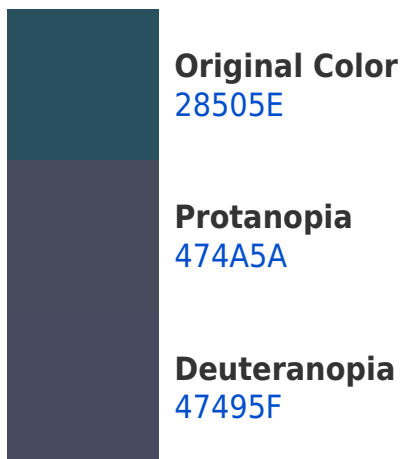


This preview shows how white text looks on a background with the Hex color 28505E.

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](#).

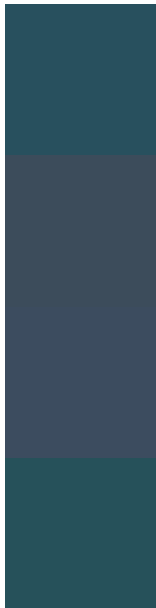
Dichromacy





Tritanopia
255158

Trichromacy



Original Color
28505E

Protanomaly
3C4C5B

Deuteranomaly
3C4C5F

Tritanomaly
26515A

Monochromacy



Original Color
28505E

Achromatopsia
464646

Achromatomaly
3B4A4F

CSS Examples

Text

The CSS property to change the color of the text to Hex 28505E 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 #28505E looks like.

```
.text, #text, p{  
    color:#28505E  
}
```

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 #28505E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28505E
}
```

Border

The CSS property to change the border of an element to Hex 28505E 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".

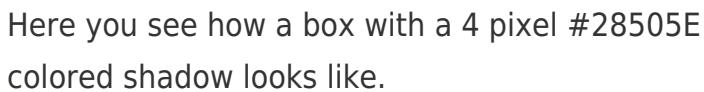
```
.border, #border, table{ border:4px solid
#28505E }
```

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

```
.border{ border-color:#28505E }
```

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

Here you see how a box with a 4 pixel #28505E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28505E; -webkit-box-shadow:4px 4px  
4px 4px #28505E; box-shadow:4px 4px 4px  
4px #28505E }
```

Background

The CSS property to change the background color of an element to Hex 28505E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28505E }
```

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

```
.background{ background-color:#28505E }
```

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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