

Converting Colors

Hex(28465D)

Have a look what the booklet for
Hex(28465D) contains.

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Color

Hex(28465D)

Conversions

Conversions Part 1

Format	Color
Hex	28465D
RGB	40, 70, 93
RGB Percent	16%, 27%, 36%
CMY	0.8431, 0.7255, 0.6353
CMYK	0.57, 0.25, 0.00, 0.64
HSL	206°, 40%, 26%
HSV	206°, 57%, 36%
XYZ	5.0410, 5.6217, 11.1753
YIQ	63.6520, -25.2630, 0.7930

Conversions

Conversions Part 2

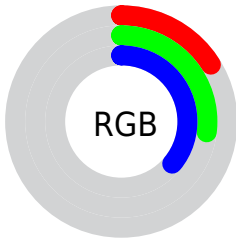
Format	Color
RYB	40, 59, 93
Decimal	2639453
CIELab	28.44, -3.68, -17.02
CIElCh	28, 17.418, 257.795
Yxy	5.6217, 0.2308, 0.2574
Android (android.graphics.Color)	4280829533 (0xFF28465D)
YUV	63.6520, 14.4686, -20.7428
Hunter-Lab	23.7102, -3.5421, -11.3480

Details

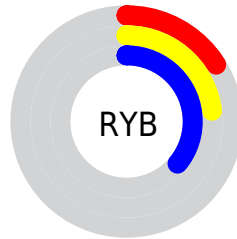
The Hex color **28465D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5D3F28**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **59768F**, and **001B2F** is the 20% darker color. If you saturate the color by 10%, you get **1F425D**, and if you desaturate by 10%, it is **314A5D**.

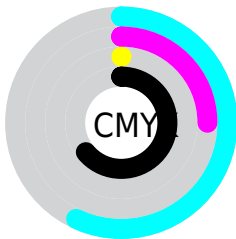
Distribution



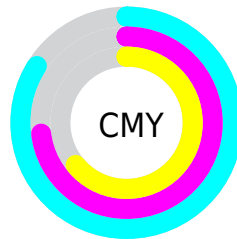
- Red (16%)
- Green (27%)
- Blue (36%)



- Red (16%)
- Yellow (23%)
- Blue (36%)



- Cyan (57%)
- Magenta (25%)
- Yellow (0%)
- Black (64%)



- Cyan (84%)
- Magenta (73%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28465D 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 28465D by changing the saturation by 10% instead.

■ 28465D

■ 28465D

FFFFFF

■ 0E3045

■ 59768F

■ 001B2F

■ 7390AA

■ 00011A

■ 8DAAC5

■ 000000

■ A8C5E1

■ C4E1FE

■ E0FEFF

■ FDFFFF

■ 28465D

■ 28465D

■ 1F425D

■ 314A5D

■ 153E5D

■ 3B4E5D

■ 0C3A5D

■ 44525D

■ 03365D

■ 4D565D

■ 00355D

■ 575A5D

■ 605E5D

■ 69625D

■ 72665D

■ 7C6A5D

Harmonies

Analogous

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



164957



28465D



3D425C

Triad

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



28465D



5E393C



354831

Complementary

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



28465D



5D3F28

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.



444529



28465D



5A3C30

Square

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



28465D



5A3949



514029



254A3D

Rectangle

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



28465D



493E58



514029



3A472D

Sweetspot

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



28465D



636F78



285D3F



31383D



BDBDBD



3D3D3D

Same Dimension

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



28465D



265478



282C5D



292C2E



003E6E



0086ED

Inverse Universe

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



5D2846



782654



5D5928



2E292C



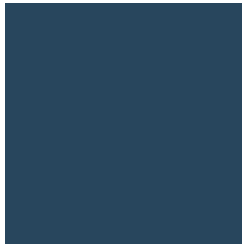
6E003E



ED0086

Previews

White Background



This preview shows how the Hex color 28465D looks on a white background.

Color Contrast Check

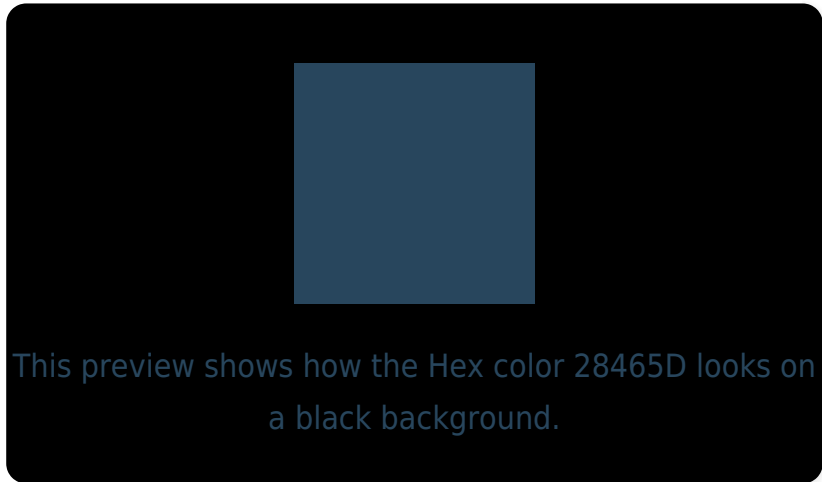
Large Text (above 18pt) WCAG AA ✓ Pass

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

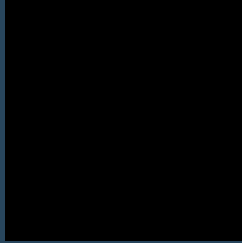
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

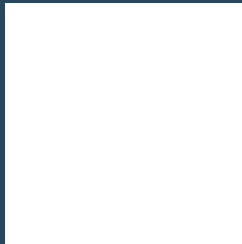
Any Text WCAG AAA × Fail

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

Hex 28465D Background



This preview shows how black text looks on a background with the Hex color 28465D.

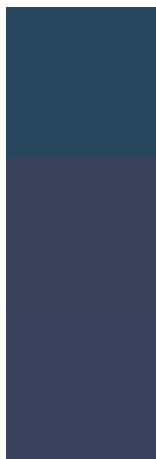


This preview shows how white text looks on a background with the Hex color 28465D.

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](#).

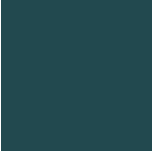
Dichromacy



Original Color
28465D

Protanopia
3C425A

Deuteranopia
3A425E



Tritanopia
22494F

Trichromacy



Original Color
28465D

Protanomaly
35435B

Deuteranomaly
33435E

Tritanomaly
244854

Monochromacy



Original Color
28465D

Achromatopsia
404040

Achromatomaly
37424B

CSS Examples

Text

The CSS property to change the color of the text to Hex 28465D 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 #28465D looks like.

```
.text, #text, p{  
    color:#28465D  
}
```

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 #28465D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28465D
}
```

Border

The CSS property to change the border of an element to Hex 28465D is called "border". The border property can be set on classes, ids or directly on the HTML element.

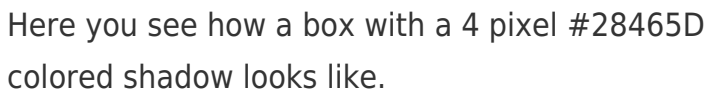
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#28465D }
```

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

```
.border{ border-color:#28465D }
```

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



Here you see how a box with a 4 pixel #28465D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28465D; -webkit-box-shadow:4px 4px  
4px 4px #28465D; box-shadow:4px 4px 4px  
4px #28465D }
```

Background

The CSS property to change the background color of an element to Hex 28465D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28465D }
```

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

```
.background{ background-color:#28465D }
```

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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