

Converting Colors

Hex(28556B)

Have a look what the booklet for
Hex(28556B) contains.

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Color

Hex(28556B)

Conversions

Conversions Part 1

Format	Color
Hex	28556B
RGB	40, 85, 107
RGB Percent	16%, 33%, 42%
CMY	0.8431, 0.6667, 0.5804
CMYK	0.63, 0.21, 0.00, 0.58
HSL	200°, 46%, 29%
HSV	200°, 63%, 42%
XYZ	6.7774, 8.0097, 15.0987
YIQ	74.0530, -33.8820, -2.6980

Conversions

Conversions Part 2

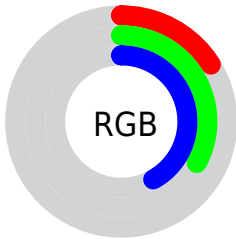
Format	Color
RYB	40, 67, 107
Decimal	2643307
CIELab	34.00, -8.19, -17.31
CIELCh	34, 19.149, 244.670
Yxy	8.0097, 0.2268, 0.2680
Android (android.graphics.Color)	4280833387 (0xFF28556B)
YUV	74.0530, 16.2429, -29.8645
Hunter-Lab	28.3013, -6.7813, -11.8202

Details

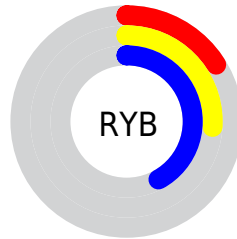
The Hex color **28556B** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **6B3E28**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5C879E**, and **00283C** is the 20% darker color. If you saturate the color by 10%, you get **1D516B**, and if you desaturate by 10%, it is **33596B**.

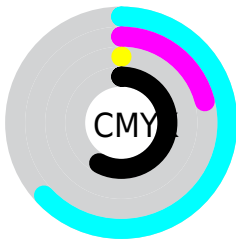
Distribution



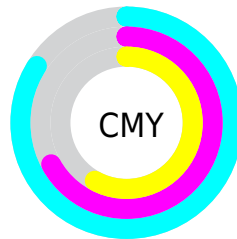
- Red (16%)
- Green (33%)
- Blue (42%)



- Red (16%)
- Yellow (26%)
- Blue (42%)



- Cyan (63%)
- Magenta (21%)
- Yellow (0%)
- Black (58%)



- Cyan (84%)
- Magenta (67%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28556B 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 28556B by changing the saturation by 10% instead.

■ 28556B

■ 28556B

FFFFFF

■ 083E53

■ 5C879E

■ 00283C

■ 76A1B9

■ 001426

■ 91BCD5

■ 000110

■ ACD8F2

■ 000000

■ C8F4FF

■ E5FFFF

■ 28556B

■ 28556B

■ 1D516B

■ 33596B

■ 134E6B

■ 3D5C6B

■ 084A6B

■ 48606B

■ 00486B

■ 53636B

■ 5E676B

■ 686A6B

■ 736E6B

■ 7E716B

■ 88756B

Harmonies

Analogous

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



1B5861



28556B



3F516E

Triad

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



28556B



6D444E



485437

Complementary

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



28556B



6B3E28

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.



585032



28556B



6D463F

Square

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



28556B



65465D



654B35



365742

Rectangle

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



28556B



4E4D6B



654B35



4D5334

Sweetspot

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



28556B



72848C



286B3D



374247



C7C7C7



474747

Same Dimension

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



28556B



236A8C



28346B



303436



004F75



00A4F5

Inverse Universe

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



6B2855



8C236A



6B5F28



363034



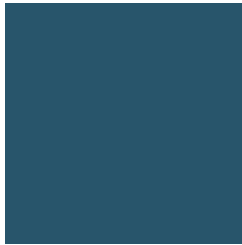
75004F



F500A4

Previews

White Background



This preview shows how the Hex color 28556B looks on a white background.

Color Contrast Check

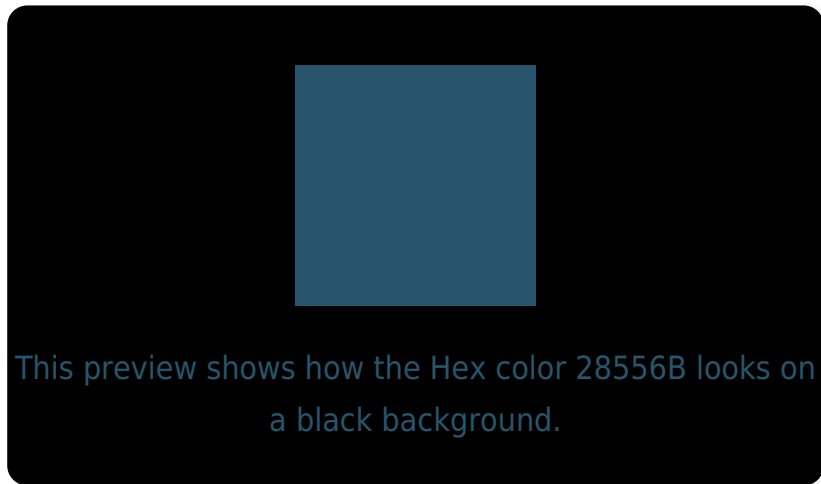
Large Text (above 18pt) WCAG AA ✓ Pass

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

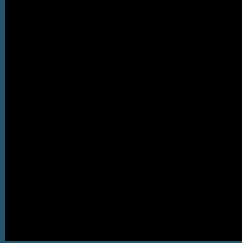
Any Text WCAG AA × Fail

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 28556B Background



This preview shows how black text looks on a background with the Hex color 28556B.



This preview shows how white text looks on a background with the Hex color 28556B.

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
28556B

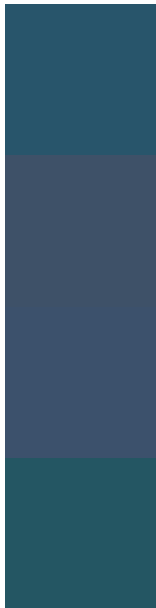
Protanopia
4A4F66

Deuteranopia
474F6C



Tritanopia
22575E

Trichromacy



Original Color
28556B

Protanomaly
3E5168

Deuteranomaly
3C516C

Tritanomaly
245663

Monochromacy



Original Color
28556B

Achromatopsia
4A4A4A

Achromatomaly
3E4E56

CSS Examples

Text

The CSS property to change the color of the text to Hex 28556B 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 #28556B looks like.

```
.text, #text, p{  
    color:#28556B  
}
```

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 #28556B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28556B
}
```

Border

The CSS property to change the border of an element to Hex 28556B 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
#28556B }
```

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

```
.border{ border-color:#28556B }
```

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

Here you see how a box with a 4 pixel #28556B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28556B; -webkit-box-shadow:4px 4px  
4px 4px #28556B; box-shadow:4px 4px 4px  
4px #28556B }
```

Background

The CSS property to change the background color of an element to Hex 28556B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28556B }
```

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

```
.background{ background-color:#28556B }
```

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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