

Converting Colors

Hex(284557)

Have a look what the booklet for
Hex(284557) contains.

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Color

Hex(284557)

Conversions

Conversions Part 1

Format	Color
Hex	284557
RGB	40, 69, 87
RGB Percent	16%, 27%, 34%
CMY	0.8431, 0.7294, 0.6588
CMYK	0.54, 0.21, 0.00, 0.66
HSL	203°, 37%, 25%
HSV	203°, 54%, 34%
XYZ	4.7235, 5.3955, 9.8093
YIQ	62.3810, -23.0620, -0.5500

Conversions

Conversions Part 2

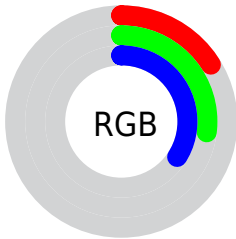
Format	Color
R_{YB}	40, 58, 87
Decimal	2639191
CIE _{Lab}	27.83, -5.11, -14.08
CIE _{LCh}	28, 14.981, 250.067
Yxy	5.3955, 0.2370, 0.2707
Android (android.graphics.Color)	4280829271 (0xFF284557)
YUV	62.3810, 12.1372, -19.6281
Hunter-Lab	23.2282, -4.3510, -8.7786

Details

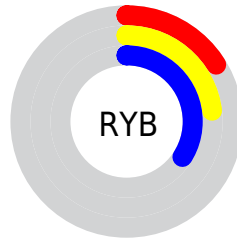
The Hex color **284557** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **573A28**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **597589**, and **001A2A** is the 20% darker color. If you saturate the color by 10%, you get **1F4257**, and if you desaturate by 10%, it is **314857**.

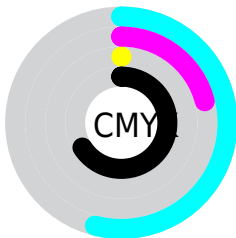
Distribution



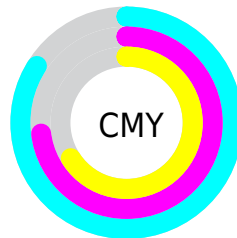
- Red (16%)
- Green (27%)
- Blue (34%)



- Red (16%)
- Yellow (23%)
- Blue (34%)



- Cyan (54%)
- Magenta (21%)
- Yellow (0%)
- Black (66%)



- Cyan (84%)
- Magenta (73%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 284557 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 284557 by changing the saturation by 10% instead.

■ 284557

■ 284557

FFFFFF

■ 0F2F40

■ 597589

■ 001A2A

■ 728FA3

■ 000115

■ 8CA9BE

■ 000000

■ A7C4DA

■ C3E0F7

■ DFFDFF

■ FCFDFF

■ 284557

■ 284557

■ 1F4257

■ 314857

■ 173E57

■ 394C57

■ 0E3B57

■ 424F57

■ 053857

■ 4B5257

■ 003657

■ 545657

■ 5C5957

■ 655C57

■ 6E6057

■ 766357

Harmonies

Analogous

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



1E4750



284557



394158

Triad

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



284557



59393E



394530

Complementary

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



284557



573A28

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.



46422B



284557



573B33

Square

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



284557



543A4A



513E2C



2C4739

Rectangle

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



284557



433F56



513E2C



3E442E

Sweetspot

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



284557



5E6970



285739



2D3438



B8B8B8



383838

Same Dimension

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



284557



275470



282E57



272A2B



00426B



0091EB

Inverse Universe

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



572845



702754



575128



2B272A



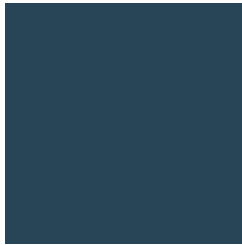
6B0042



EB0091

Previews

White Background



This preview shows how the Hex color 284557 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

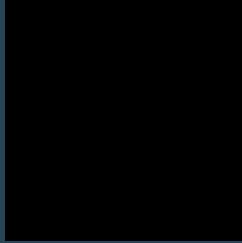
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

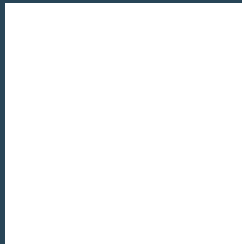
Any Text WCAG AAA × Fail

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

Hex 284557 Background



This preview shows how black text looks on a background with the Hex color 284557.



This preview shows how white text looks on a background with the Hex color 284557.

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
284557

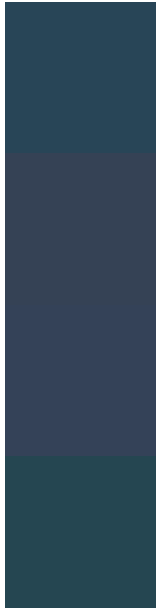
Protanopia
3D4154

Deuteranopia
3B4158



Tritanopia
24474D

Trichromacy



Original Color
284557

Protanomaly
354255

Deuteranomaly
344258

Tritanomaly
254651

Monochromacy



Original Color
284557

Achromatopsia
3E3E3E

Achromatomaly
364147

CSS Examples

Text

The CSS property to change the color of the text to Hex 284557 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 #284557 looks like.

```
.text, #text, p{  
    color:#284557  
}
```

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 #284557 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #284557
}
```

Border

The CSS property to change the border of an element to Hex 284557 is called "border". The border property can be set on classes, ids or directly on the HTML element.

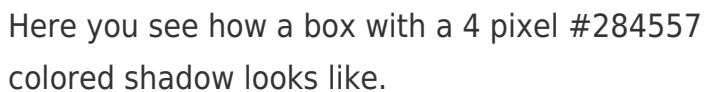
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#284557 }
```

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

```
.border{ border-color:#284557 }
```

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



Here you see how a box with a 4 pixel #284557 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #284557; -webkit-box-shadow:4px 4px  
4px 4px #284557; box-shadow:4px 4px 4px  
4px #284557 }
```

Background

The CSS property to change the background color of an element to Hex 284557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#284557 }
```

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

```
.background{ background-color:#284557 }
```

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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