

Converting Colors

Hex(28572D)

Have a look what the booklet for
Hex(28572D) contains.

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Color

Hex(28572D)

Conversions

Conversions Part 1

Format	Color
Hex	28572D
RGB	40, 87, 45
RGB Percent	16%, 34%, 18%
CMY	0.8431, 0.6588, 0.8235
CMYK	0.54, 0.00, 0.48, 0.66
HSL	126°, 37%, 25%
HSV	126°, 54%, 34%
XYZ	4.7569, 7.4570, 3.6712
YIQ	68.1590, -14.5300, -23.0260

Conversions

Conversions Part 2

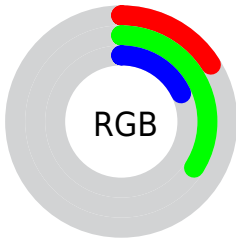
Format	Color
RYB	40, 82, 87
Decimal	2643757
CIELab	32.83, -26.19, 19.57
CIElCh	33, 32.697, 143.236
Yxy	7.4570, 0.2995, 0.4694
Android (android.graphics.Color)	4280833837 (0xFF28572D)
YUV	68.1590, -11.4174, -24.6954
Hunter-Lab	27.3074, -16.6936, 11.1442

Details

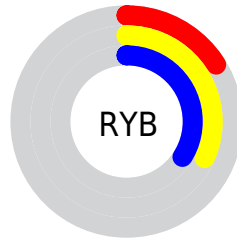
The Hex color **28572D** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **572852**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **59895B**, and **002900** is the 20% darker color. If you saturate the color by 10%, you get **1F5725**, and if you desaturate by 10%, it is **315735**.

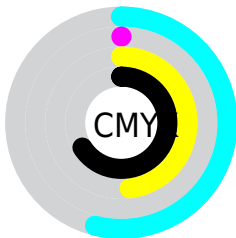
Distribution



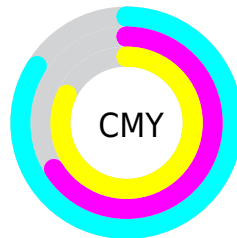
- Red (16%)
- Green (34%)
- Blue (18%)



- Red (16%)
- Yellow (32%)
- Blue (34%)



- Cyan (54%)
- Magenta (0%)
- Yellow (48%)
- Black (66%)



- Cyan (84%)
- Magenta (66%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28572D 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 28572D by changing the saturation by 10% instead.

 28572D

 28572D

FFFFFF

 0E3F17

 59895B

 002900

 73A474

 001200

 8DBF8E

 000000

 A8DBA9

 C4F8C4

 E0FFE0

 F0FFFD

 28572D

 28572D

■ 1F5725

■ 315735

■ 17571D

■ 39573D

■ 0E5716

■ 425744

■ 05570E

■ 4B574C

■ 005709

■ 545754

■ 5C575C

■ 655763

■ 6E576B

■ 765773

Harmonies

Analogous

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



48521B



28572D



005A46

Triad

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



28572D



005280



7D383A

Complementary

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



28572D



572852

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.



793754



28572D



45497D

Square

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



28572D



005776



673E6C



734024

Rectangle

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



28572D



005A58



673E6C



7D3743

Sweetspot

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



28572D



5E7060



525728



2D382F



B8B8B8



383838

Same Dimension

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



28572D



27702F



285744



272B27



006B0B



00EB19

Inverse Universe

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



572852



702768



57283B



2B272B



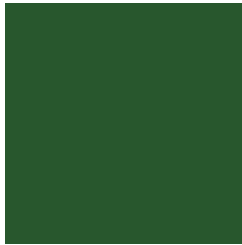
6B0060



EB00D2

Previews

White Background



This preview shows how the Hex color 28572D looks on a white background.

Color Contrast Check

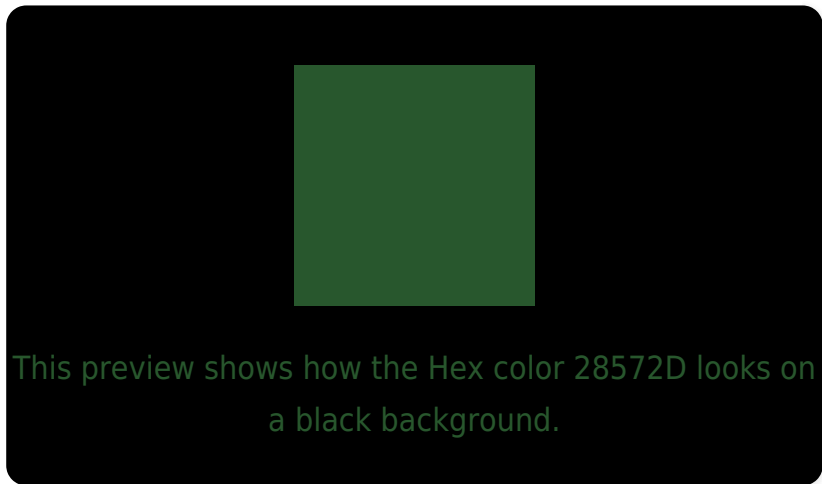
Large Text (above 18pt) WCAG AA ✓ Pass

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

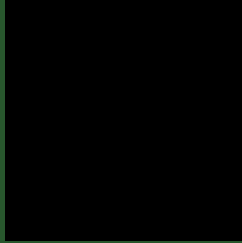
Any Text WCAG AA × Fail

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 28572D Background



This preview shows how black text looks on a background with the Hex color 28572D.



This preview shows how white text looks on a background with the Hex color 28572D.

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
28572D

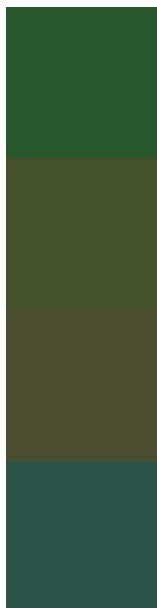
Protanopia
554D29

Deuteranopia
5D4930



Tritanopia
325259

Trichromacy



Original Color
28572D

Protanomaly
45512A

Deuteranomaly
4A4E2F

Tritanomaly
2E5449

Monochromacy



Original Color
28572D

Achromatopsia
444444

Achromatomaly
3A4B3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 28572D 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 #28572D looks like.

```
.text, #text, p{  
    color:#28572D  
}
```

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 #28572D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28572D
}
```

Border

The CSS property to change the border of an element to Hex 28572D 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".

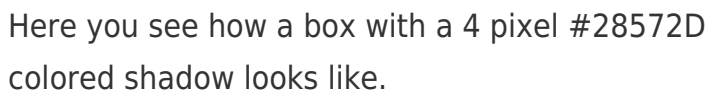
```
.border, #border, table{ border:4px solid
#28572D }
```

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

```
.border{ border-color:#28572D }
```

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

Here you see how a box with a 4 pixel #28572D colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28572D; -webkit-box-shadow:4px 4px  
4px 4px #28572D; box-shadow:4px 4px 4px  
4px #28572D }
```

Background

The CSS property to change the background color of an element to Hex 28572D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28572D }
```

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

```
.background{ background-color:#28572D }
```

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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