

Converting Colors

Hex(28641B)

Have a look what the booklet for
Hex(28641B) contains.

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Color

Hex(28641B)

Conversions

Conversions Part 1

Format	Color
Hex	28641B
RGB	40, 100, 27
RGB Percent	16%, 39%, 11%
CMY	0.8431, 0.6078, 0.8941
CMYK	0.60, 0.00, 0.73, 0.61
HSL	109°, 57%, 25%
HSV	109°, 73%, 39%
XYZ	5.6301, 9.6446, 2.6018
YIQ	73.7380, -12.3270, -35.4230

Conversions

Conversions Part 2

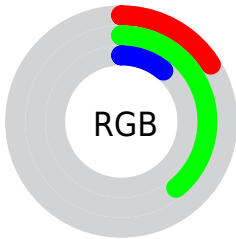
Format	Color
RYB	27, 100, 87
Decimal	2647067
CIELab	37.20, -34.39, 34.11
CIELCh	37, 48.439, 135.231
Yxy	9.6446, 0.3149, 0.5395
Android (android.graphics.Color)	4280837147 (0xFF28641B)
YUV	73.7380, -23.0418, -29.5882
Hunter-Lab	31.0557, -21.9874, 16.7719

Details

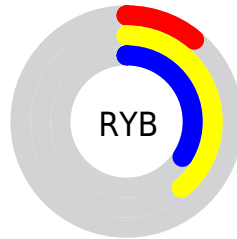
The Hex color **28641B** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **571B64**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **5C984B**, and **003400** is the 20% darker color. If you saturate the color by 10%, you get **206411**, and if you desaturate by 10%, it is **306425**.

Distribution



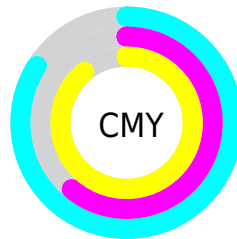
- Red (16%)
- Green (39%)
- Blue (11%)



- Red (11%)
- Yellow (39%)
- Blue (34%)



- Cyan (60%)
- Magenta (0%)
- Yellow (73%)
- Black (61%)



- Cyan (84%)
- Magenta (61%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28641B 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 28641B by changing the saturation by 10% instead.

 28641B

 28641B

FFFFFF

 084C01

 5C984B

 003400

 77B364

 002100

 92CE7E

 000000

 ADEB98

 C9FFB3

 E6FFCF

 FFFFEB

 28641B

 28641B

■ 206411

■ 306425

■ 186407

■ 38642F

■ 126400

■ 416439

■ 496443

■ 51644D

■ 596457

■ 626461

■ 6A646B

■ 726475

Harmonies

Analogous

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



575C00



28641B



006842

Triad

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



28641B



0061A3



9D2F45

Complementary

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



28641B



571B64

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.



94326C



28641B



2855A3

Square

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



28641B



00688E



72448F



923D21

Rectangle

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



28641B



00695D



72448F



9C2E52

Sweetspot

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



28641B



6B8265



64571B



344231



C2C2C2



424242

Same Dimension

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



28641B



248210



1B6432



2F332E



147300



2BF200

Inverse Universe

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



571B64



6E1082



641B4D



322E33



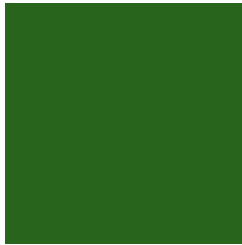
5E0073



C700F2

Previews

White Background



This preview shows how the Hex color 28641B looks on a white background.

Color Contrast Check

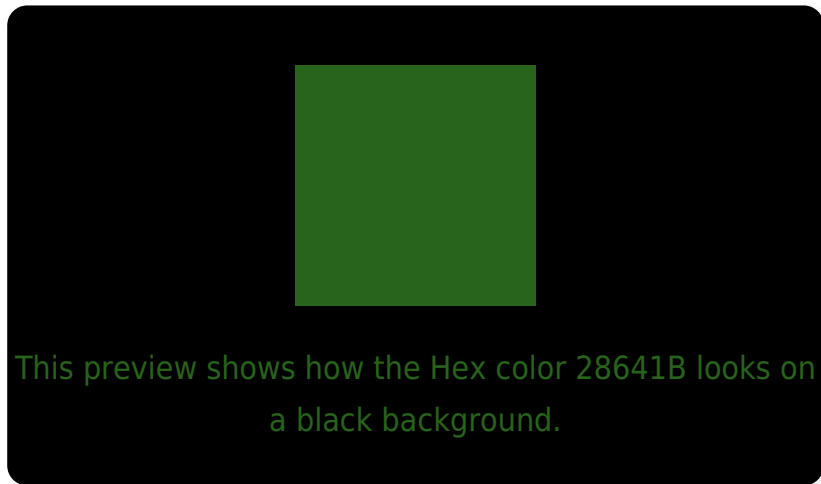
Large Text (above 18pt) WCAG AA ✓ Pass

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

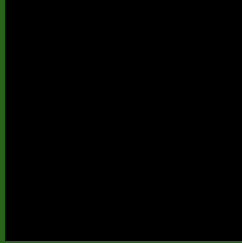
Any Text WCAG AA × Fail

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 28641B Background



This preview shows how black text looks on a background with the Hex color 28641B.



This preview shows how white text looks on a background with the Hex color 28641B.

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
28641B

Protanopia
625718

Deuteranopia
6D5322



Tritanopia
385D65

Trichromacy



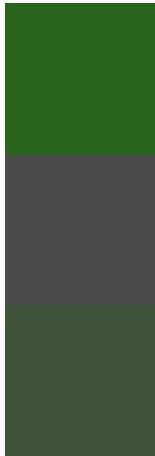
Original Color
28641B

Protanomaly
4D5C19

Deuteranomaly
54591F

Tritanomaly
32604A

Monochromacy



Original Color
28641B

Achromatopsia
4A4A4A

Achromatomaly
3E5339

CSS Examples

Text

The CSS property to change the color of the text to Hex 28641B 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 #28641B looks like.

```
.text, #text, p{  
    color:#28641B  
}
```

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 #28641B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28641B
}
```

Border

The CSS property to change the border of an element to Hex 28641B 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".

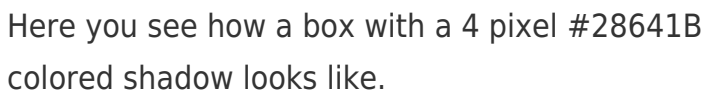
```
.border, #border, table{ border:4px solid
#28641B }
```

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

```
.border{ border-color:#28641B }
```

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

Here you see how a box with a 4 pixel #28641B colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28641B; -webkit-box-shadow:4px 4px  
4px 4px #28641B; box-shadow:4px 4px 4px  
4px #28641B }
```

Background

The CSS property to change the background color of an element to Hex 28641B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28641B }
```

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

```
.background{ background-color:#28641B }
```

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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