

Converting Colors

Hex(28602B)

Have a look what the booklet for
Hex(28602B) contains.

Hex(28602B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(28602B)

Conversions

Conversions Part 1

Format	Color
Hex	28602B
RGB	40, 96, 43
RGB Percent	16%, 38%, 17%
CMY	0.8431, 0.6235, 0.8314
CMYK	0.58, 0.00, 0.55, 0.62
HSL	123°, 41%, 27%
HSV	123°, 58%, 38%
XYZ	5.4940, 8.9913, 3.7314
YIQ	73.2140, -16.3630, -28.3550

Conversions

Conversions Part 2

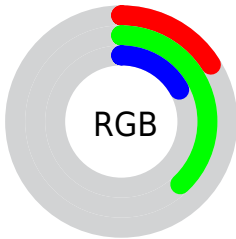
Format	Color
R_{YB}	40, 93, 96
Decimal	2646059
CIE _{Lab}	35.97, -30.67, 24.64
CIE _{LCh}	36, 39.342, 141.230
Yxy	8.9913, 0.3016, 0.4936
Android (android.graphics.Color)	4280836139 (0xFF28602B)
YUV	73.2140, -14.8955, -29.1287
Hunter-Lab	29.9855, -19.7695, 13.6117

Details

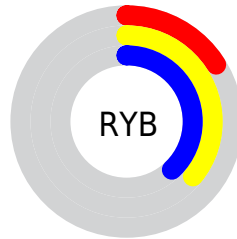
The Hex color **28602B** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **60285D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **5B935A**, and **003100** is the 20% darker color. If you saturate the color by 10%, you get **1E6022**, and if you desaturate by 10%, it is **326034**.

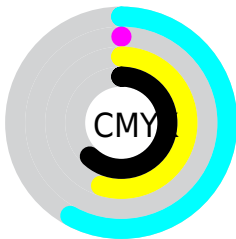
Distribution



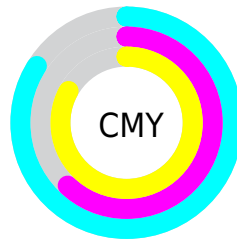
- Red (16%)
- Green (38%)
- Blue (17%)



- Red (16%)
- Yellow (36%)
- Blue (38%)



- Cyan (58%)
- Magenta (0%)
- Yellow (55%)
- Black (62%)



- Cyan (84%)
- Magenta (62%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28602B 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 28602B by changing the saturation by 10% instead.



28602B



28602B

FFFFFF



0B4815



5B935A



003100



75AE73



001D00



8FCA8D



000000



ABE6A7



C7FFC3



E3FFDF



FFFFFFB



28602B



28602B

■ 1E6022

■ 326034

■ 156019

■ 3B603D

■ 0B6010

■ 456046

■ 026007

■ 4E604F

■ 006005

■ 586058

■ 626062

■ 6B606B

■ 756074

■ 7E607D

Harmonies

Analogous

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



4F5A14



28602B



00634A

Triad

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



28602B



005B93



8E3940

Complementary

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



28602B



60285D

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.



89385F



28602B



445090

Square

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



28602B



006185



72437C



834324

Rectangle

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



28602B



006460



72437C



8E374A

Sweetspot

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



28602B



667D68



5D6028



324032



BFBFBF



404040

Same Dimension

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



28602B



257D2A



286047



2C302C



007006



00F00D

Inverse Universe

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



60285D



7D2578



602841



302C30



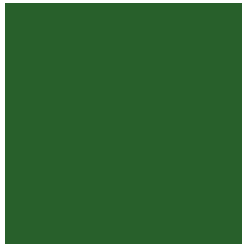
70006A



F000E3

Previews

White Background



This preview shows how the Hex color 28602B looks on a white background.

Color Contrast Check

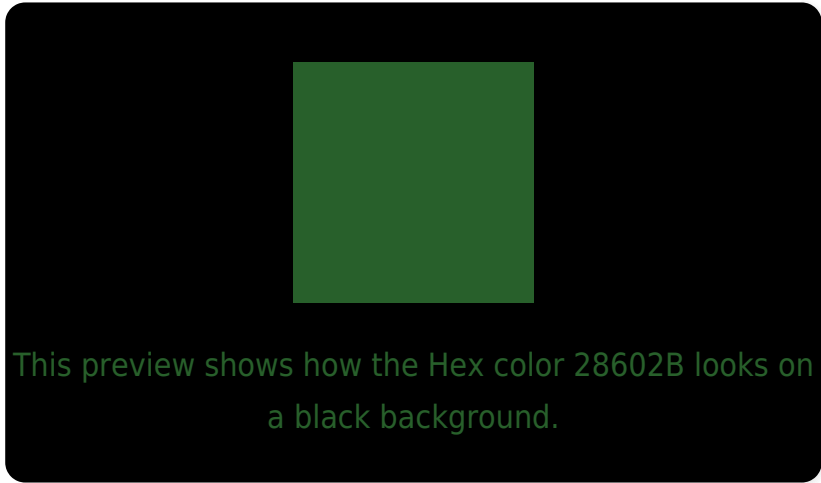
Large Text (above 18pt) WCAG AA ✓ Pass

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

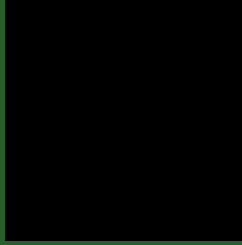
Any Text WCAG AA × Fail

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 28602B Background



This preview shows how black text looks on a background with the Hex color 28602B.



This preview shows how white text looks on a background with the Hex color 28602B.

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
28602B

Protanopia
5D5427

Deuteranopia
67502F



Tritanopia
355A62

Trichromacy



Original Color
28602B

Protanomaly
4A5828

Deuteranomaly
50562E

Tritanomaly
305C4E

Monochromacy



Original Color
28602B

Achromatopsia
494949

Achromatomaly
3D513E

CSS Examples

Text

The CSS property to change the color of the text to Hex 28602B 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 #28602B looks like.

```
.text, #text, p{  
    color:#28602B  
}
```

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 #28602B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28602B
}
```

Border

The CSS property to change the border of an element to Hex 28602B 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
#28602B }
```

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

```
.border{ border-color:#28602B }
```

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

Here you see how a box with a 4 pixel #28602B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28602B; -webkit-box-shadow:4px 4px  
4px 4px #28602B; box-shadow:4px 4px 4px  
4px #28602B }
```

Background

The CSS property to change the background color of an element to Hex 28602B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28602B }
```

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

```
.background{ background-color:#28602B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor