

Converting Colors

Hex(27452B)

Have a look what the booklet for
Hex(27452B) contains.

Hex(27452B)	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(27452B)

Conversions

Conversions Part 1

Format	Color
Hex	27452B
RGB	39, 69, 43
RGB Percent	15%, 27%, 17%
CMY	0.8471, 0.7294, 0.8314
CMYK	0.43, 0.00, 0.38, 0.73
HSL	128°, 28%, 21%
HSV	128°, 43%, 27%
XYZ	3.4009, 4.8620, 3.0447
YIQ	57.0660, -9.5340, -14.4460

Conversions

Conversions Part 2

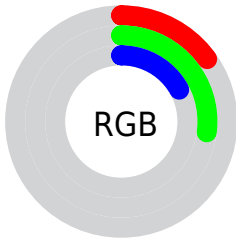
Format	Color
R_{YB}	39, 65, 69
Decimal	2573611
CIE _{Lab}	26.34, -17.73, 12.29
CIE _{LCh}	26, 21.574, 145.269
Yxy	4.8620, 0.3008, 0.4300
Android (android.graphics.Color)	4280763691 (0xFF27452B)
YUV	57.0660, -6.9345, -15.8439
Hunter-Lab	22.0499, -11.0565, 7.2480




Details

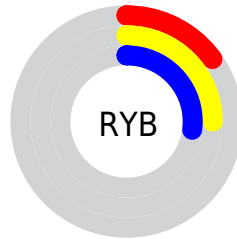
The Hex color **27452B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **452741**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **567659**, and **001B00** is the 20% darker color. If you saturate the color by 10%, you get **204525**, and if you desaturate by 10%, it is **2E4531**.

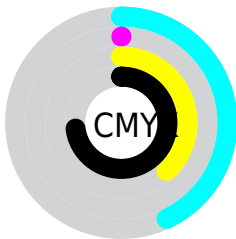
Distribution







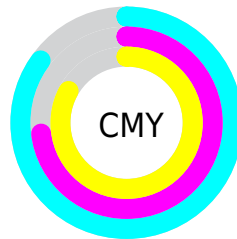
-  Red (15%)
-  Green (27%)
-  Blue (17%)






-  Red (15%)
-  Yellow (25%)
-  Blue (27%)



-  Cyan (43%)
-  Magenta (0%)
-  Yellow (38%)
-  Black (73%)



-  Cyan (85%)
-  Magenta (73%)
-  Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27452B 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 27452B by changing the saturation by 10% instead.



27452B



27452B

FFFFFF



112E16



567659



001B00



6E8F71



000000



88AA8B



A3C5A5



BEE1C0



DAFEDC



F6FFF9



27452B



27452B

■ 204525

■ 2E4531

■ 19451F

■ 354537

■ 124519

■ 3C453D

■ 0B4513

■ 434543

■ 04450D

■ 4A4549

■ 004509

■ 50454F

■ 574555

■ 5E455B

■ 654561

Harmonies

Analogous

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



3B4220



27452B



0C473B

Triad

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



27452B



1F415F



5E3231

Complementary

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



27452B



452741

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.



5C3142



27452B



3C3B5C

Square

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



27452B



004559



503551



573724

Rectangle

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



27452B



004746



503551



5E3136

Sweetspot

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



27452B



4E594F



414527



272E28



ADADAD



2E2E2E

Same Dimension

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



27452B



2B5931



27453A



202421



00630D



00E31E

Inverse Universe

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



452741



592B53



452732



242023



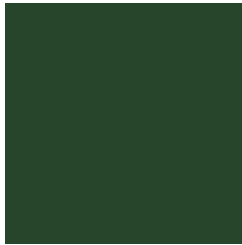
630056



E300C5

Previews

White Background



This preview shows how the Hex color 27452B looks on a white background.

Color Contrast Check

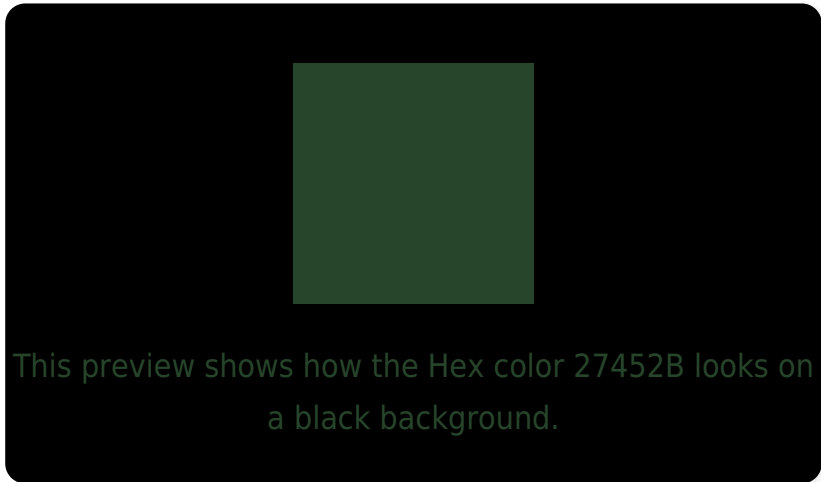
Large Text (above 18pt) WCAG AA ✓ Pass

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

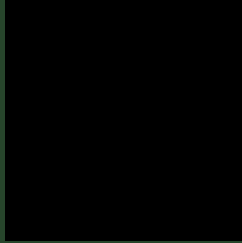
Any Text WCAG AA × Fail

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 27452B Background



This preview shows how black text looks on a background with the Hex color 27452B.



This preview shows how white text looks on a background with the Hex color 27452B.

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
27452B

Protanopia
443E28

Deuteranopia
4A3C2D



Tritanopia
2D4247

Trichromacy



Original Color
27452B

Protanomaly
394129

Deuteranomaly
3D3F2C

Tritanomaly
2B433D

Monochromacy



Original Color
27452B

Achromatopsia
393939

Achromatomaly
323D34

CSS Examples

Text

The CSS property to change the color of the text to Hex 27452B 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 #27452B looks like.

```
.text, #text, p{  
    color:#27452B  
}
```

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 #27452B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27452B
}
```

Border

The CSS property to change the border of an element to Hex 27452B is called "border". The border property can be set on classes, ids or directly on the HTML element.

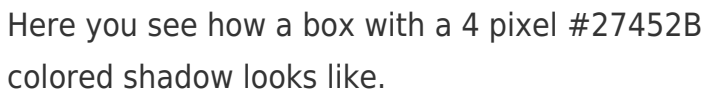
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#27452B }
```

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

```
.border{ border-color:#27452B }
```

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



Here you see how a box with a 4 pixel #27452B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27452B; -webkit-box-shadow:4px 4px  
4px 4px #27452B; box-shadow:4px 4px 4px  
4px #27452B }
```

Background

The CSS property to change the background color of an element to Hex 27452B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27452B }
```

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

```
.background{ background-color:#27452B }
```

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