

Converting Colors

Hex(264C38)

Have a look what the booklet for
Hex(264C38) contains.

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Color

Hex(264C38)

Conversions

Conversions Part 1

Format	Color
Hex	264C38
RGB	38, 76, 56
RGB Percent	15%, 30%, 22%
CMY	0.8510, 0.7020, 0.7804
CMYK	0.50, 0.00, 0.26, 0.70
HSL	148°, 33%, 22%
HSV	148°, 50%, 30%
XYZ	4.0976, 5.8665, 4.6578
YIQ	62.3580, -16.2280, -14.2760

Conversions

Conversions Part 2

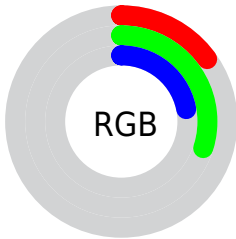
Format	Color
R_YB	38, 64, 76
Decimal	2509880
CIE Lab	29.07, -18.96, 7.77
CIE LCh	29, 20.488, 157.728
Yxy	5.8665, 0.2802, 0.4012
Android (android.graphics.Color)	4280699960 (0xFF264C38)
YUV	62.3580, -3.1345, -21.3620
Hunter-Lab	24.2208, -12.1885, 5.5529

Details

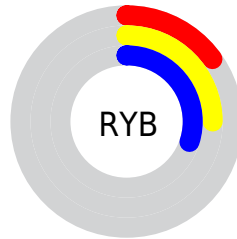
The Hex color **264C38** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4C263A**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **567D67**, and **00200D** is the 20% darker color. If you saturate the color by 10%, you get **1E4C34**, and if you desaturate by 10%, it is **2E4C3C**.

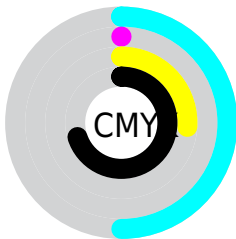
Distribution



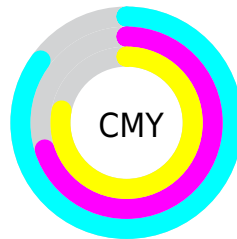
- Red (15%)
- Green (30%)
- Blue (22%)



- Red (15%)
- Yellow (25%)
- Blue (30%)



- Cyan (50%)
- Magenta (0%)
- Yellow (26%)
- Black (70%)



- Cyan (85%)
- Magenta (70%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 264C38 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 264C38 by changing the saturation by 10% instead.

 264C38

 264C38

FFFFFF

 0E3523

 567D67

 00200D

 6F9780

 000000

 88B29A

 A3CEB5

 BEEAD0

 DAFFED

 F7FFFF

 264C38

 264C38

■ 1E4C34

■ 2E4C3C

■ 174C30

■ 354C40

■ 0F4C2C

■ 3D4C44

■ 084C28

■ 444C48

■ 004C24

■ 4C4C4C

■ 544C50

■ 5B4C54

■ 634C58

■ 6A4C5C

Harmonies

Analogous

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



3A492B



264C38



0E4D48

Triad

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



264C38



344564



613A32

Complementary

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



264C38



4C263A

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.



633841



264C38



4C3F5E

Square

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



264C38



174961



5C3A51



593F27

Rectangle

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



264C38



004D53



5C3A51



633937

Sweetspot

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



264C38



55635C



3A4C26



2A332E



B3B3B3



333333

Same Dimension

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



264C38



286344



264C4B



222624



006630



00E66D

Inverse Universe

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



4C263A



632847



4C2627



262224



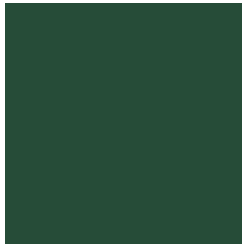
660036



E60079

Previews

White Background



This preview shows how the Hex color 264C38 looks on a white background.

Color Contrast Check

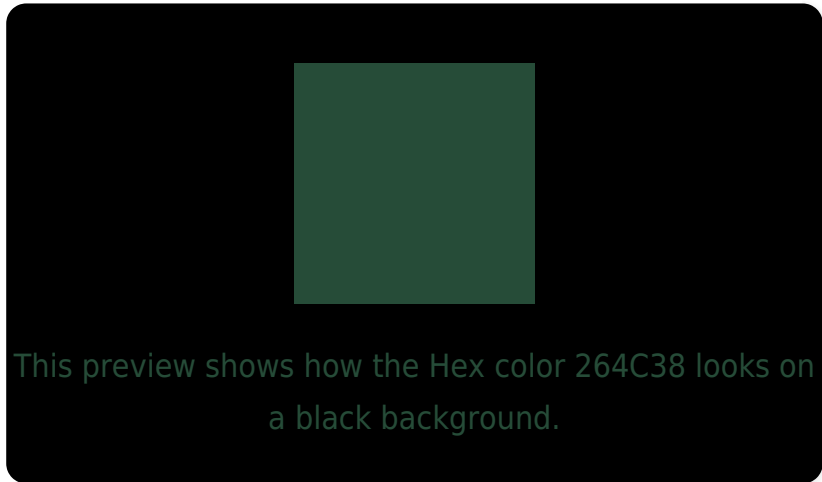
Large Text (above 18pt) WCAG AA ✓ Pass

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

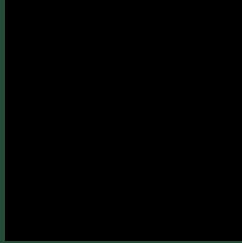
Any Text WCAG AA × Fail

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 264C38 Background



This preview shows how black text looks on a background with the Hex color 264C38.



This preview shows how white text looks on a background with the Hex color 264C38.

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](#).

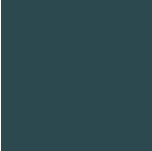
Dichromacy



Original Color
264C38

Protanopia
494434

Deuteranopia
4E423A



Tritanopia
2C494F

Trichromacy



Original Color
264C38

Protanomaly
3C4735

Deuteranomaly
3F4639

Tritanomaly
2A4A47

Monochromacy



Original Color
264C38

Achromatopsia
3E3E3E

Achromatomaly
35433C

CSS Examples

Text

The CSS property to change the color of the text to Hex 264C38 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 #264C38 looks like.

```
.text, #text, p{  
    color:#264C38  
}
```

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 #264C38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #264C38
}
```

Border

The CSS property to change the border of an element to Hex 264C38 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
#264C38 }
```

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

```
.border{ border-color:#264C38 }
```

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

Here you see how a box with a 4 pixel #264C38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #264C38; -webkit-box-shadow:4px 4px  
4px 4px #264C38; box-shadow:4px 4px 4px  
4px #264C38 }
```

Background

The CSS property to change the background color of an element to Hex 264C38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#264C38 }
```

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

```
.background{ background-color:#264C38 }
```

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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