

Converting Colors

Hex(2C4434)

Have a look what the booklet for
Hex(2C4434) contains.

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Color

Hex(2C4434)

Conversions

Conversions Part 1

Format	Color
Hex	2C4434
RGB	44, 68, 52
RGB Percent	17%, 27%, 20%
CMY	0.8275, 0.7333, 0.7961
CMYK	0.35, 0.00, 0.24, 0.73
HSL	140°, 21%, 22%
HSV	140°, 35%, 27%
XYZ	3.7257, 4.9177, 4.0017
YIQ	59.0000, -9.1680, -10.0640

Conversions

Conversions Part 2

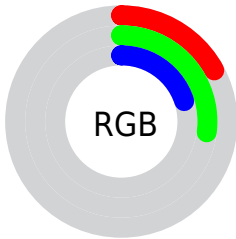
Format	Color
R_{YB}	44, 62, 68
Decimal	2901044
CIE _{Lab}	26.50, -13.34, 6.78
CIE _{LCh}	26, 14.961, 153.058
Yxy	4.9177, 0.2946, 0.3889
Android (android.graphics.Color)	4281091124 (0xFF2C4434)
YUV	59.0000, -3.4510, -13.1550
Hunter-Lab	22.1758, -8.8186, 4.8241

Details

The Hex color **2C4434** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **442C3C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **5A7462**, and **001A07** is the 20% darker color. If you saturate the color by 10%, you get **25442F**, and if you desaturate by 10%, it is **334439**.

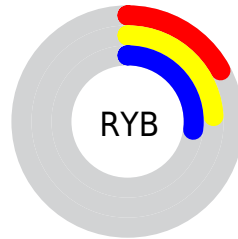
Distribution



Red (17%)

Green (27%)

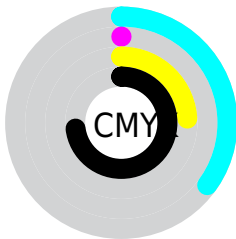
Blue (20%)



Red (17%)

Yellow (24%)

Blue (27%)

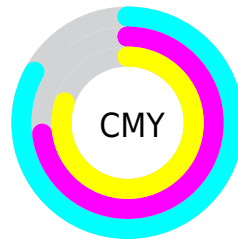


Cyan (35%)

Magenta (0%)

Yellow (24%)

Black (73%)



Cyan (83%)

Magenta (73%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2C4434 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 2C4434 by changing the saturation by 10% instead.

■ 2C4434

■ 2C4434

FFFFFF

■ 162E1F

■ 5A7462

■ 001A07

■ 738E7B

■ 000000

■ 8DA895

■ A8C4B0

■ C3E0CB

■ DFFCE7

■ FCFFFF

■ 2C4434

■ 2C4434

■ 25442F

■ 334439

■ 1E442B

■ 3A443D

■ 184426

■ 404442

■ 114422

■ 474446

■ 0A441D

■ 4E444B

■ 034419

■ 55444F

■ 004417

■ 5C4454

■ 624458

■ 69445D

Harmonies

Analogous

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



39422B



2C4434



20453F

Triad

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



2C4434



313F55



553733

Complementary

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



2C4434



442C3C

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.



55363E



2C4434



423B52

Square

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



2C4434



214353



4E3849



4F3A2B

Rectangle

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



2C4434



1A4547



4E3849



553736

Sweetspot

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



2C4434



4F5953



3C442C



282E2A



ADADAD



2E2E2E

Same Dimension

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



2C4434



345940



2C4440



1E211F



006120



00E04B

Inverse Universe

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



442C3C



59344D



442C30



211E20



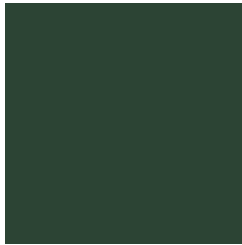
610041



E00096

Previews

White Background



This preview shows how the Hex color 2C4434 looks on a white background.

Color Contrast Check

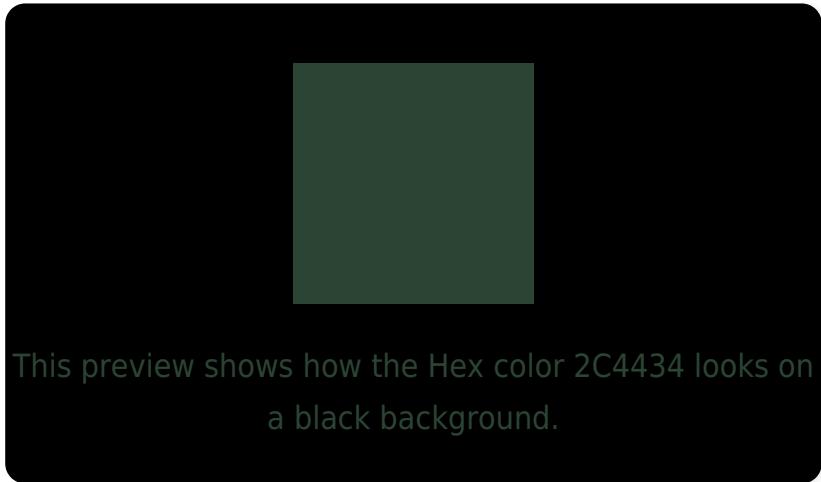
Large Text (above 18pt) WCAG AA ✓ Pass

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

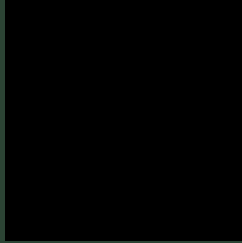
Any Text WCAG AA × Fail

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 2C4434 Background



This preview shows how black text looks on a background with the Hex color 2C4434.

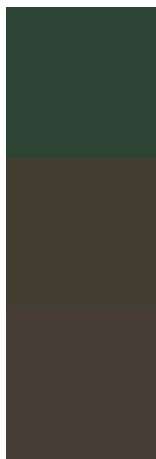


This preview shows how white text looks on a background with the Hex color 2C4434.

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
2C4434

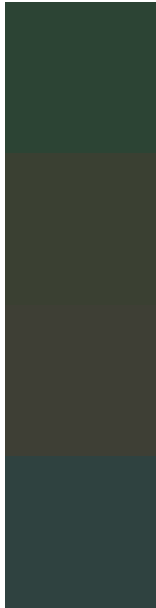
Protanopia
423E31

Deuteranopia
483C36



Tritanopia
304147

Trichromacy



Original Color

2C4434

Protanomaly

3A4032

Deuteranomaly

3E3F35

Tritanomaly

2F4240

Monochromacy



Original Color

2C4434

Achromatopsia

3B3B3B

Achromatomaly

363E38

CSS Examples

Text

The CSS property to change the color of the text to Hex 2C4434 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 #2C4434 looks like.

```
.text, #text, p{  
    color:#2C4434  
}
```

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 #2C4434 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2C4434
}
```

Border

The CSS property to change the border of an element to Hex 2C4434 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
#2C4434 }
```

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

```
.border{ border-color:#2C4434 }
```

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

Here you see how a box with a 4 pixel #2C4434 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2C4434; -webkit-box-shadow:4px 4px  
4px 4px #2C4434; box-shadow:4px 4px 4px  
4px #2C4434 }
```

Background

The CSS property to change the background color of an element to Hex 2C4434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2C4434 }
```

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

```
.background{ background-color:#2C4434 }
```

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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