

Converting Colors

Hex(244C26)

Have a look what the booklet for
Hex(244C26) contains.

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Color

Hex(244C26)

Conversions

Conversions Part 1

Format	Color
Hex	244C26
RGB	36, 76, 38
RGB Percent	14%, 30%, 15%
CMY	0.8588, 0.7020, 0.8510
CMYK	0.53, 0.00, 0.50, 0.70
HSL	123°, 36%, 22%
HSV	123°, 53%, 30%
XYZ	3.6618, 5.6839, 2.7378
YIQ	59.7080, -11.6420, -20.2980

Conversions

Conversions Part 2

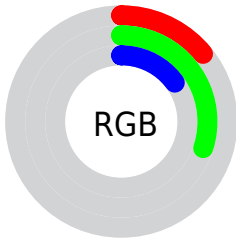
Format	Color
RYB	36, 74, 76
Decimal	2378790
CIELab	28.60, -23.37, 18.30
CIELCh	29, 29.687, 141.932
Yxy	5.6839, 0.3030, 0.4704
Android (android.graphics.Color)	4280568870 (0xFF244C26)
YUV	59.7080, -10.7020, -20.7919
Hunter-Lab	23.8409, -14.3049, 9.8799

Details

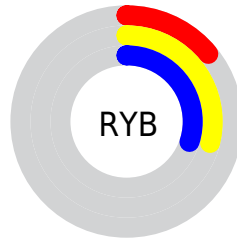
The Hex color **244C26** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **4C244A**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **547D54**, and **002000** is the 20% darker color. If you saturate the color by 10%, you get **1C4C1F**, and if you desaturate by 10%, it is **2C4C2D**.

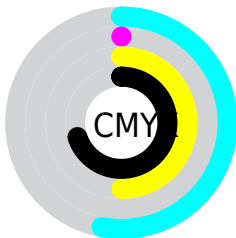
Distribution



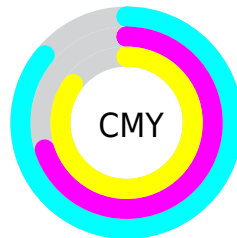
- Red (14%)
- Green (30%)
- Blue (15%)



- Red (14%)
- Yellow (29%)
- Blue (30%)



- Cyan (53%)
- Magenta (0%)
- Yellow (50%)
- Black (70%)



- Cyan (86%)
- Magenta (70%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 244C26 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 244C26 by changing the saturation by 10% instead.



244C26



244C26

FFFFFF



0B3511



547D54



002000



6D976C



000000



87B285



A2CEA0



BDEABB



D9FFD7



F6FFF3



244C26



244C26

■ 1C4C1F

■ 2C4C2D

■ 154C18

■ 334C34

■ 0D4C10

■ 3B4C3C

■ 064C09

■ 424C43

■ 004C04

■ 4A4C4A

■ 524C51

■ 594C59

■ 614C60

■ 684C67

Harmonies

Analogous

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



404716



244C26



004E3C

Triad

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



244C26



004871



6E3034

Complementary

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



244C26



4C244A

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.



6A304B



244C26



3A406E

Square

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



244C26



004D67



5A3760



663720

Rectangle

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



244C26



004F4C



5A3760



6E2F3B

Sweetspot

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



244C26



546354



4A4C24



29332A



B3B3B3



333333

Same Dimension

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



244C26



256328



244C3A



222623



006605



00E60B

Inverse Universe

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



4C244A



632560



4C2436



262226



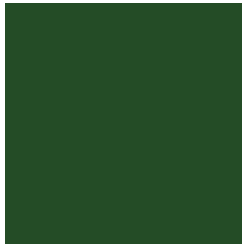
660061



E600DA

Previews

White Background



This preview shows how the Hex color 244C26 looks on a white background.

Color Contrast Check

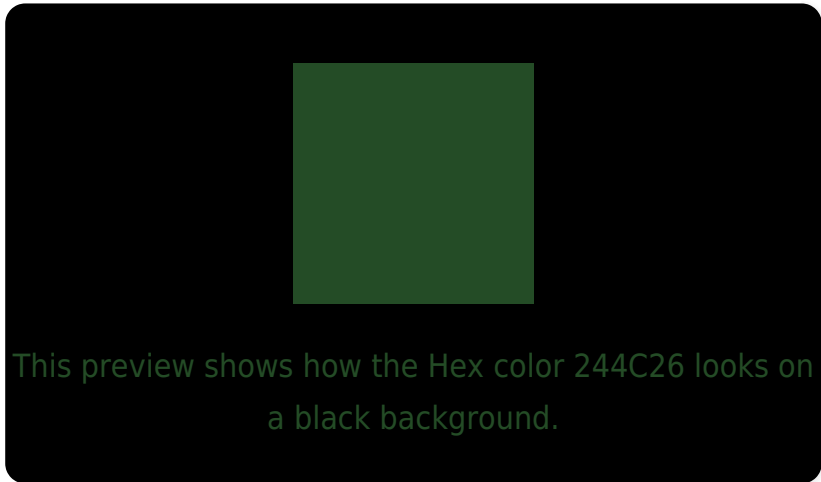
Large Text (above 18pt) WCAG AA ✓ Pass

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

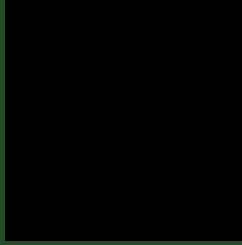
Any Text WCAG AA × Fail

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 244C26 Background



This preview shows how black text looks on a background with the Hex color 244C26.



This preview shows how white text looks on a background with the Hex color 244C26.

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](#).

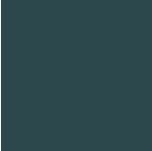
Dichromacy



Original Color
244C26

Protanopia
4A4323

Deuteranopia
514029



Tritanopia
2D484D

Trichromacy



Original Color
244C26

Protanomaly
3C4624

Deuteranomaly
414428

Tritanomaly
2A493F

Monochromacy



Original Color
244C26

Achromatopsia
3C3C3C

Achromatomaly
334234

CSS Examples

Text

The CSS property to change the color of the text to Hex 244C26 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 #244C26 looks like.

```
.text, #text, p{  
    color:#244C26  
}
```

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 #244C26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #244C26
}
```

Border

The CSS property to change the border of an element to Hex 244C26 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
#244C26 }
```

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

```
.border{ border-color:#244C26 }
```

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

Here you see how a box with a 4 pixel #244C26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #244C26; -webkit-box-shadow:4px 4px  
4px 4px #244C26; box-shadow:4px 4px 4px  
4px #244C26 }
```

Background

The CSS property to change the background color of an element to Hex 244C26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#244C26 }
```

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

```
.background{ background-color:#244C26 }
```

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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