

Converting Colors

Hex(244548)

Have a look what the booklet for
Hex(244548) contains.

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Color

Hex(244548)

Conversions

Conversions Part 1

Format	Color
Hex	244548
RGB	36, 69, 72
RGB Percent	14%, 27%, 28%
CMY	0.8588, 0.7294, 0.7176
CMYK	0.50, 0.04, 0.00, 0.72
HSL	185°, 33%, 21%
HSV	185°, 50%, 28%
XYZ	4.0254, 5.0992, 6.9030
YIQ	59.4750, -20.6310, -6.0630

Conversions

Conversions Part 2

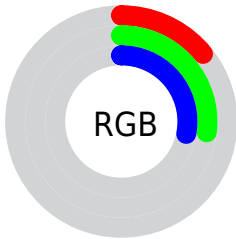
Format	Color
R_YB	36, 53, 72
Decimal	2377032
CIE Lab	27.02, -11.13, -5.58
CIE LCh	27, 12.449, 206.648
Yxy	5.0992, 0.2512, 0.3182
Android (android.graphics.Color)	4280567112 (0xFF244548)
YUV	59.4750, 6.1748, -20.5876
Hunter-Lab	22.5814, -7.6979, -2.3176

Details

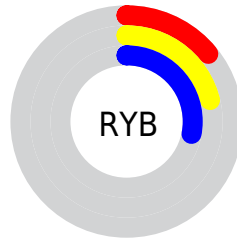
The Hex color **244548** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **482724**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **547578**, and **001A1D** is the 20% darker color. If you saturate the color by 10%, you get **1D4448**, and if you desaturate by 10%, it is **2B4648**.

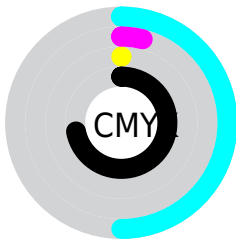
Distribution



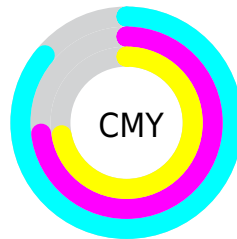
- Red (14%)
- Green (27%)
- Blue (28%)



- Red (14%)
- Yellow (21%)
- Blue (28%)



- Cyan (50%)
- Magenta (4%)
- Yellow (0%)
- Black (72%)



- Cyan (86%)
- Magenta (73%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 244548 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 244548 by changing the saturation by 10% instead.

■ 244548

■ 244548

FFFFFF

■ 0C2F32

■ 547578

■ 001A1D

■ 6D8F92

■ 000001

■ 86A9AD

■ 000000

■ A1C5C8

■ BCE1E4

■ D8FDFF

■ F5FFFF

■ 244548

■ 244548

■ 1D4448

■ 2B4648

■ 164448

■ 324648

■ 0E4348

■ 3A4748

■ 074348

■ 414748

■ 004248

■ 484848

■ 4F4948

■ 564948

■ 5E4A48

■ 654A48

Harmonies

Analogous

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



29453E



244548



28444F

Triad

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



244548



4B3B4A



483F2D

Complementary

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



244548



482724

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.



4F3C30



244548



523941

Square

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



244548



403E51



533938



3E422F

Rectangle

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



244548



2F4252



533938



4B3E2E

Sweetspot

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



244548



505D5E



244827



283030



B0B0B0



303030

Same Dimension

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



244548



265A5E



243348



202324



005B63



00D0E3

Inverse Universe

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



482445



5E265A



483924



242023



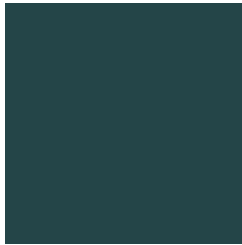
63005B



E300D0

Previews

White Background



This preview shows how the Hex color 244548 looks on a white background.

Color Contrast Check

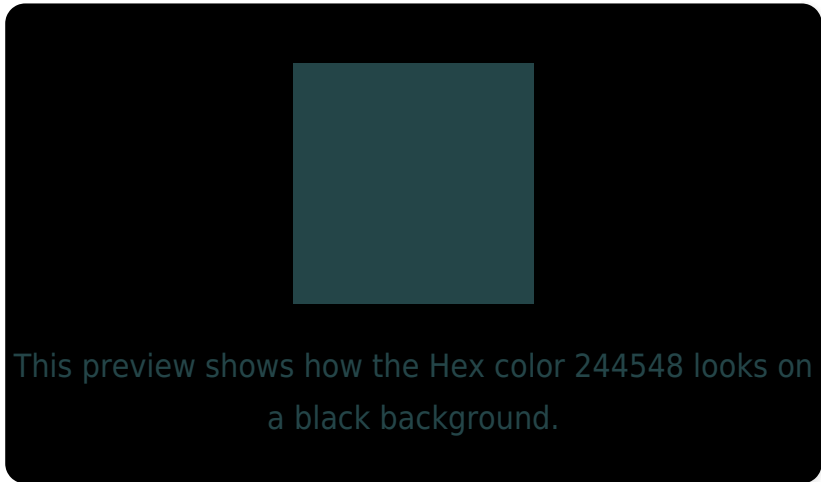
Large Text (above 18pt) WCAG AA ✓ Pass

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

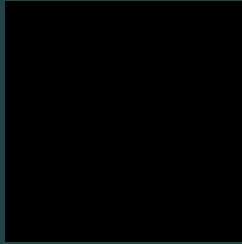
Any Text WCAG AA × Fail

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 244548 Background



This preview shows how black text looks on a background with the Hex color 244548.



This preview shows how white text looks on a background with the Hex color 244548.

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](#).

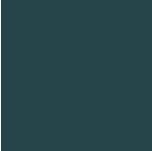
Dichromacy



Original Color
244548

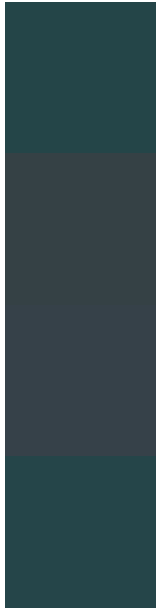
Protanopia
3F3F44

Deuteranopia
413E49



Tritanopia
25454A

Trichromacy



Original Color
244548

Protanomaly
354145

Deuteranomaly
364149

Tritanomaly
254549

Monochromacy



Original Color
244548

Achromatopsia
3B3B3B

Achromatomaly
333F40

CSS Examples

Text

The CSS property to change the color of the text to Hex 244548 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 #244548 looks like.

```
.text, #text, p{  
    color:#244548  
}
```

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 #244548 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #244548
}
```

Border

The CSS property to change the border of an element to Hex 244548 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
#244548 }
```

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

```
.border{ border-color:#244548 }
```

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

Here you see how a box with a 4 pixel #244548 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #244548; -webkit-box-shadow:4px 4px  
4px 4px #244548; box-shadow:4px 4px 4px  
4px #244548 }
```

Background

The CSS property to change the background color of an element to Hex 244548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#244548 }
```

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

```
.background{ background-color:#244548 }
```

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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