

Converting Colors

Hex(244A45)

Have a look what the booklet for
Hex(244A45) contains.

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Color

Hex(244A45)

Conversions

Conversions Part 1

Format	Color
Hex	244A45
RGB	36, 74, 69
RGB Percent	14%, 29%, 27%
CMY	0.8588, 0.7098, 0.7294
CMYK	0.51, 0.00, 0.07, 0.71
HSL	172°, 35%, 22%
HSV	172°, 51%, 29%
XYZ	4.2505, 5.7023, 6.5069
YIQ	62.0680, -21.0430, -9.6110

Conversions

Conversions Part 2

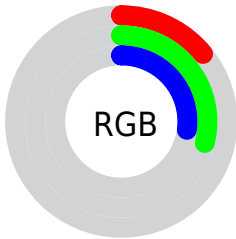
Format	Color
R_{YB}	36, 56, 74
Decimal	2378309
CIE _{Lab}	28.65, -14.98, -1.21
CIE _{LCh}	29, 15.025, 184.629
Yxy	5.7023, 0.2582, 0.3464
Android (android.graphics.Color)	4280568389 (0xFF244A45)
YUV	62.0680, 3.4175, -22.8616
Hunter-Lab	23.8795, -10.0164, 0.5599

Details

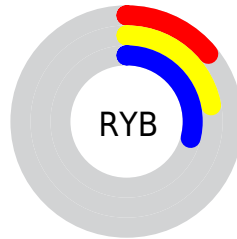
The Hex color **244A45** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4A2429**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **547B75**, and **001E1A** is the 20% darker color. If you saturate the color by 10%, you get **1D4A44**, and if you desaturate by 10%, it is **2B4A46**.

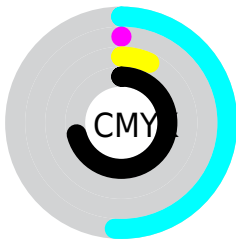
Distribution



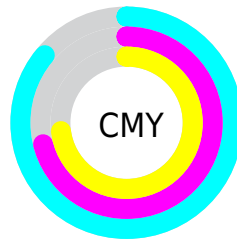
- Red (14%)
- Green (29%)
- Blue (27%)



- Red (14%)
- Yellow (22%)
- Blue (29%)



- Cyan (51%)
- Magenta (0%)
- Yellow (7%)
- Black (71%)



- Cyan (86%)
- Magenta (71%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 244A45 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 244A45 by changing the saturation by 10% instead.



244A45



244A45

FFFFFF



0B332F



547B75



001E1A



6D958F



000000



87AFA9



A2CBC4



BDE7E0



D9FFFD



F6FFFF



244A45



244A45

■ 1D4A44

■ 2B4A46

■ 154A43

■ 334A47

■ 0E4A42

■ 3A4A48

■ 064A41

■ 424A49

■ 004A40

■ 494A4A

■ 504A4B

■ 584A4C

■ 5F4A4D

■ 674A4E

Harmonies

Analogous

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



304939



244A45



1F4950

Triad

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



244A45



484057



543F2F

Complementary

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



244A45



4A2429

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.



5A3C37



244A45



543C4E

Square

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



244A45



37445A



5A3B42



4A432C

Rectangle

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



244A45



234856



5A3B42



573E31

Sweetspot

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



244A45



52615F



294A24



28302F



B0B0B0



303030

Same Dimension

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



244A45



256159



243C4A



222626



006659



00E6C7

Inverse Universe

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



4A2429



61252D



4A3224



262223



66000D



E6001E

Previews

White Background



This preview shows how the Hex color 244A45 looks on a white background.

Color Contrast Check

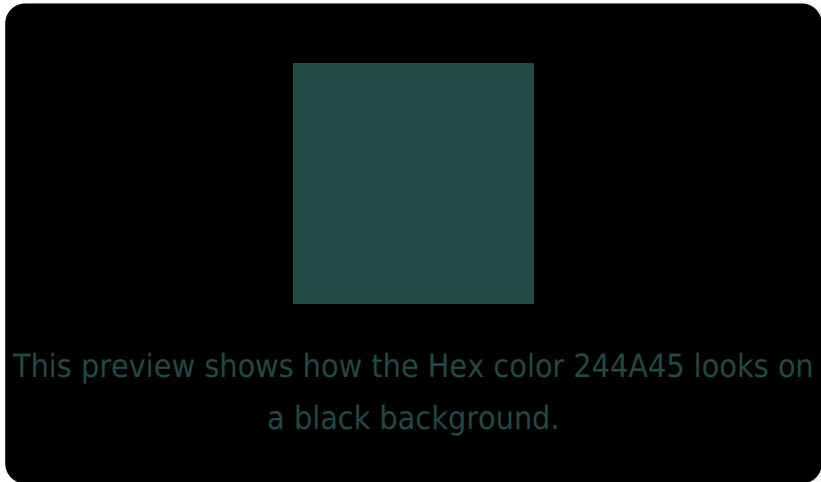
Large Text (above 18pt) WCAG AA ✓ Pass

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

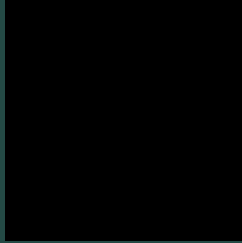
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

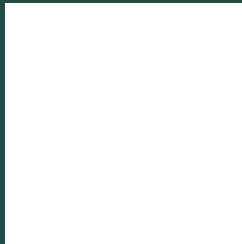
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 244A45 Background



This preview shows how black text looks on a background with the Hex color 244A45.



This preview shows how white text looks on a background with the Hex color 244A45.

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](#).

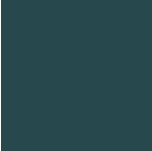
Dichromacy



Original Color
244A45

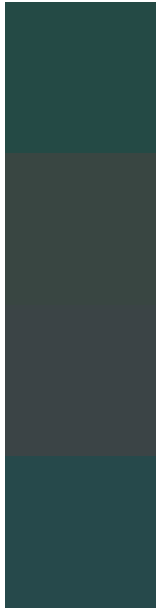
Protanopia
454341

Deuteranopia
484147



Tritanopia
27494E

Trichromacy



Original Color
244A45

Protanomaly
394642

Deuteranomaly
3B4446

Tritanomaly
26494B

Monochromacy



Original Color
244A45

Achromatopsia
3E3E3E

Achromatomaly
354241

CSS Examples

Text

The CSS property to change the color of the text to Hex 244A45 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 #244A45 looks like.

```
.text, #text, p{  
    color:#244A45  
}
```

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 #244A45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #244A45
}
```

Border

The CSS property to change the border of an element to Hex 244A45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

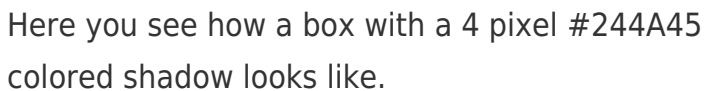
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#244A45 }
```

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

```
.border{ border-color:#244A45 }
```

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



Here you see how a box with a 4 pixel #244A45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #244A45; -webkit-box-shadow:4px 4px  
4px 4px #244A45; box-shadow:4px 4px 4px  
4px #244A45 }
```

Background

The CSS property to change the background color of an element to Hex 244A45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#244A45 }
```

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

```
.background{ background-color:#244A45 }
```

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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