

Converting Colors

Hex(244954)

Have a look what the booklet for
Hex(244954) contains.

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Color

Hex(244954)

Conversions

Conversions Part 1

Format	Color
Hex	244954
RGB	36, 73, 84
RGB Percent	14%, 29%, 33%
CMY	0.8588, 0.7137, 0.6706
CMYK	0.57, 0.13, 0.00, 0.67
HSL	194°, 40%, 24%
HSV	194°, 57%, 33%
XYZ	4.7103, 5.7802, 9.2549
YIQ	63.1910, -25.5830, -4.4230

Conversions

Conversions Part 2

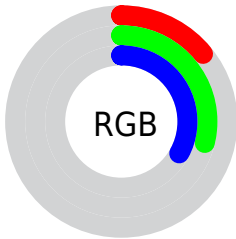
Format	Color
R_{YB}	36, 57, 84
Decimal	2378068
CIE _{Lab}	28.85, -9.67, -10.61
CIE _{LCh}	29, 14.351, 227.654
Yxy	5.7802, 0.2386, 0.2927
Android (android.graphics.Color)	4280568148 (0xFF244954)
YUV	63.1910, 10.2588, -23.8465
Hunter-Lab	24.0421, -7.1021, -5.9940

Details

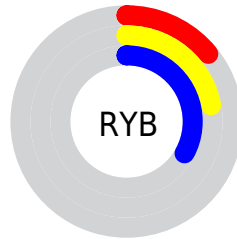
The Hex color **244954** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **542F24**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **557A86**, and **001D27** is the 20% darker color. If you saturate the color by 10%, you get **1C4754**, and if you desaturate by 10%, it is **2C4B54**.

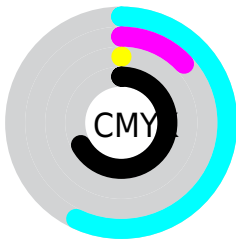
Distribution



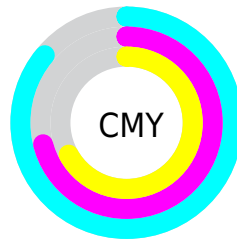
- Red (14%)
- Green (29%)
- Blue (33%)



- Red (14%)
- Yellow (22%)
- Blue (33%)



- Cyan (57%)
- Magenta (13%)
- Yellow (0%)
- Black (67%)



- Cyan (86%)
- Magenta (71%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 244954 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 244954 by changing the saturation by 10% instead.



244954



244954

FFFFFF



09323D



557A86



001D27



6F93A0



000113



89AEBB



000000



A3C9D6



BFE6F3



DBFFFF



F8FFFF



244954



244954

■ 1C4754

■ 2C4B54

■ 134554

■ 354D54

■ 0B4354

■ 3D4F54

■ 024154

■ 465154

■ 004154

■ 4E5354

■ 565554

■ 5F5654

■ 675854

■ 705A54

Harmonies

Analogous

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



234A4A



244954



304659

Triad

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



244954



573C49



45452F

Complementary

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



244954



542F24

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.



50422F



244954



5A3C3E

Square

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



244954



4E3F53



583E34



394835

Rectangle

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



244954



3A445A



583E34



49442E

Sweetspot

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



244954



5B696E



24542E



2D3638



B8B8B8



383838

Same Dimension

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



244954



225C6E



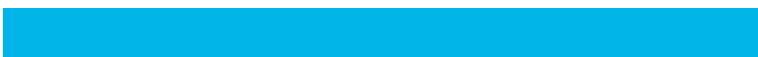
243254



252829



005169



00B3E8

Inverse Universe

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



542449



6E225C



544624



292528



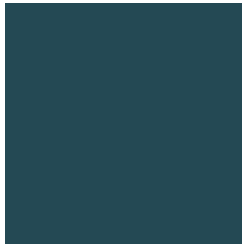
690051



E800B3

Previews

White Background



This preview shows how the Hex color 244954 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

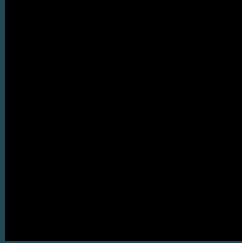
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

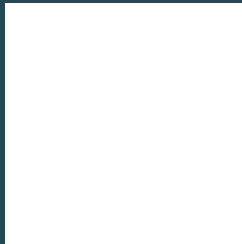
Any Text WCAG AAA × Fail

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

Hex 244954 Background



This preview shows how black text looks on a background with the Hex color 244954.



This preview shows how white text looks on a background with the Hex color 244954.

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](#).

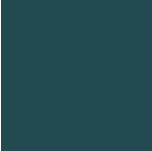
Dichromacy



Original Color
244954

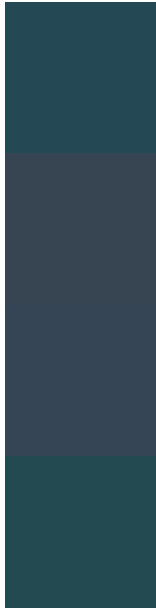
Protanopia
414350

Deuteranopia
414355



Tritanopia
224A50

Trichromacy



Original Color
244954

Protanomaly
364551

Deuteranomaly
364555

Tritanomaly
234A51

Monochromacy



Original Color
244954

Achromatopsia
3F3F3F

Achromatomaly
354347

CSS Examples

Text

The CSS property to change the color of the text to Hex 244954 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 #244954 looks like.

```
.text, #text, p{  
    color:#244954  
}
```

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 #244954 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #244954
}
```

Border

The CSS property to change the border of an element to Hex 244954 is called "border". The border property can be set on classes, ids or directly on the HTML element.

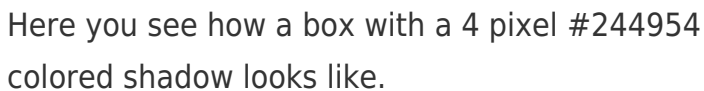
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#244954 }
```

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

```
.border{ border-color:#244954 }
```

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



Here you see how a box with a 4 pixel #244954 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #244954; -webkit-box-shadow:4px 4px  
4px 4px #244954; box-shadow:4px 4px 4px  
4px #244954 }
```

Background

The CSS property to change the background color of an element to Hex 244954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#244954 }
```

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

```
.background{ background-color:#244954 }
```

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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