

# Converting Colors

Hex(244444)

Have a look what the booklet for  
Hex(244444) contains.

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# Color

Hex(244444)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	244444
RGB	36, 68, 68
RGB Percent	14%, 27%, 27%
CMY	0.8588, 0.7333, 0.7333
CMYK	0.47, 0.00, 0.00, 0.73
HSL	180°, 31%, 20%
HSV	180°, 47%, 27%
XYZ	3.8381, 4.9267, 6.2175
YIQ	58.4320, -19.0720, -6.7840

# Conversions

## Conversions Part 2

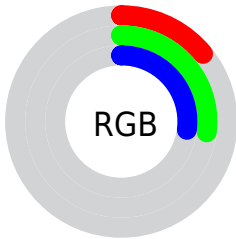
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 52, 68
Decimal	2376772
CIELab	26.52, -11.76, -3.70
CIElCh	27, 12.326, 197.456
Yxy	4.9267, 0.2562, 0.3288
Android (android.graphics.Color)	4280566852 (0xFF244444)
YUV	58.4320, 4.7170, -19.6729
Hunter-Lab	22.1961, -7.9776, -1.0708

# Details

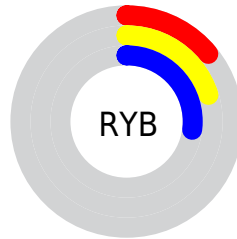
The Hex color **244444** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **442424**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **537474**, and **001A19** is the 20% darker color. If you saturate the color by 10%, you get **1D4444**, and if you desaturate by 10%, it is **2B4444**.

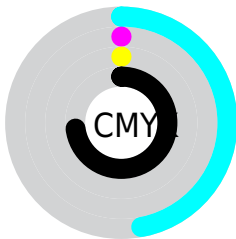
# Distribution



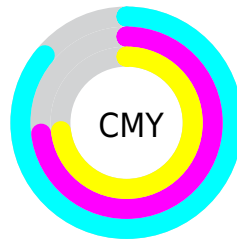
- Red (14%)
- Green (27%)
- Blue (27%)



- Red (14%)
- Yellow (20%)
- Blue (27%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (73%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 244444 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 244444 by changing the saturation by 10% instead.





244444



244444

FFFFFF



0C2E2E



537474



001A19



6C8E8E



000000



86A8A8



A0C4C3



BCE0DF



D8FCFC



F4FFFF



244444



244444

■ 1D4444

■ 2B4444

■ 164444

■ 324444

■ 104444

■ 384444

■ 094444

■ 3F4444

■ 024444

■ 464444

■ 004444

■ 4D4444

■ 544444

■ 5A4444

■ 614444

# Harmonies

## Analogous

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



2B443A



244444



25434C

# Triad

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



244444



473B4B



493D2D

# Complementary

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



244444



442424

# 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.



503A31



244444



4F3843

# Square

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



244444



3B3E51



52383A



40402D

# Rectangle

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



244444



2A4250



52383A



4C3C2E



# Sweetspot

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



244444



4D5959



244424



262E2E



ADADAD



2E2E2E



# Same Dimension

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



244444



275959



243444



1E2121



006161



00E0E0



# Inverse Universe

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



442444



592759



443424



211E21



610061

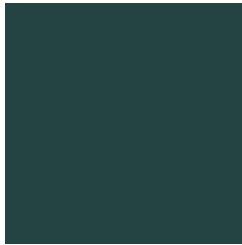


E000E0



# Previews

## White Background



This preview shows how the Hex color 244444 looks on a white background.

## Color Contrast Check

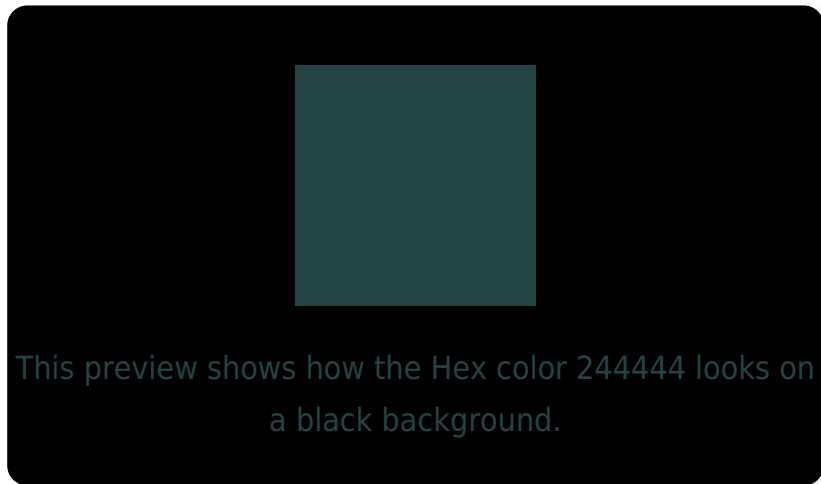
Large Text (above 18pt) WCAG AA ✓ Pass

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

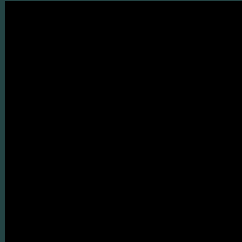
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 244444 Background



This preview shows how black text looks on a background with the Hex color 244444.



This preview shows how white text looks on a background with the Hex color 244444.

# 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**

244444

**Protanopia**

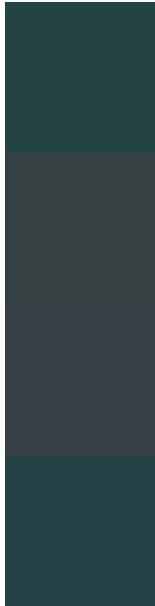
3F3E41

**Deuteranopia**

413D46



# Trichromacy



**Original Color**

244444

**Protanomaly**

354042

**Deuteranomaly**

364045

**Tritanomaly**

254347

# Monochromacy



**Original Color**

244444

**Achromatopsia**

3A3A3A

**Achromatomaly**

323E3E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 244444 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 #244444 looks like.

```
.text, #text, p{  
    color:#244444  
}
```

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 #244444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #244444
}
```

## Border

The CSS property to change the border of an element to Hex 244444 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
#244444 }
```

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

```
.border{ border-color:#244444 }
```

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

Here you see how a box with a 4 pixel #244444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #244444; -webkit-box-shadow:4px 4px  
4px 4px #244444; box-shadow:4px 4px 4px  
4px #244444 }
```

# Background

The CSS property to change the background color of an element to Hex 244444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#244444 }
```

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

```
.background{ background-color:#244444 }
```

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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