

Converting Colors

Hex(239244)

Have a look what the booklet for
Hex(239244) contains.

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Color

Hex(239244)

Conversions

Conversions Part 1

Format	Color
Hex	239244
RGB	35, 146, 68
RGB Percent	14%, 57%, 27%
CMY	0.8627, 0.4275, 0.7333
CMYK	0.76, 0.00, 0.53, 0.43
HSL	138°, 61%, 35%
HSV	138°, 76%, 57%
XYZ	12.0154, 21.3324, 8.9531
YIQ	103.9190, -41.1180, -47.7900

Conversions

Conversions Part 2

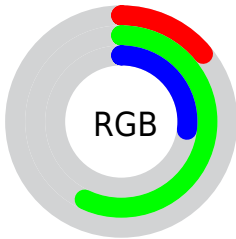
Format	Color
RYB	35, 121, 146
Decimal	2331204
CIELab	53.31, -47.82, 32.53
CIELCh	53, 57.834, 145.770
Yxy	21.3324, 0.2840, 0.5043
Android (android.graphics.Color)	4280521284 (0xFF239244)
YUV	103.9190, -17.7081, -60.4420
Hunter-Lab	46.1871, -34.3912, 20.8379

Details

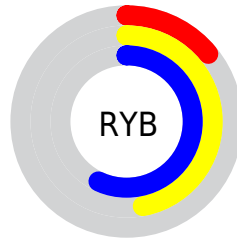
The Hex color **239244** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **922371**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **62C976**, and **005E14** is the 20% darker color. If you saturate the color by 10%, you get **14923A**, and if you desaturate by 10%, it is **32924E**.

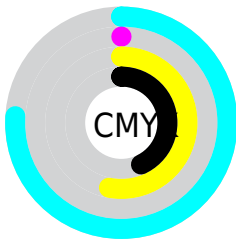
Distribution



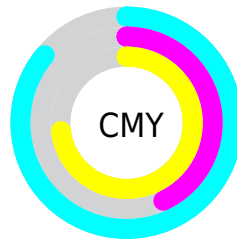
- Red (14%)
- Green (57%)
- Blue (27%)



- Red (14%)
- Yellow (47%)
- Blue (57%)



- Cyan (76%)
- Magenta (0%)
- Yellow (53%)
- Black (43%)



- Cyan (86%)
- Magenta (43%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 239244 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 239244 by changing the saturation by 10% instead.



239244



239244

FFFFFF



00782C



62C976



005E14



7EE590



004500



9BFFAB



002F00



B7FFC7



001400



D5FFE3



000000



F2FFFF



239244



239244



14923A



32924E

06922F

409259

00922B

4F9263

5D926D

6C9277

7B9282

89928C

989296

A692A0

Harmonies

Analogous

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



6E8918



239244



009676

Triad

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



239244



0087E3



D75357

Complementary

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



239244



922371

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.



D44F89



239244



7175DA

Square

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



239244



0092D1



B55FB8



C3672C

Rectangle

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



239244



009799



B55FB8



D94F67

Sweetspot

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



239244



91BD9E



739223



445E4C



DEDEDE



5E5E5E

Same Dimension

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



239244



11BD44



23927A



434A45



008A29



000A03

Inverse Universe

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



922371



BD118A



92233B



4A4348



8A0061



0A0007

Previews

White Background



This preview shows how the Hex color 239244 looks on a white background.

Color Contrast Check

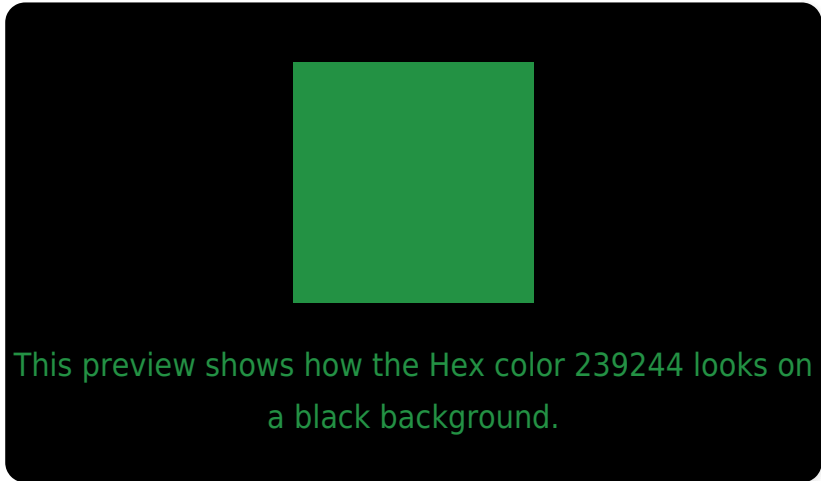
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

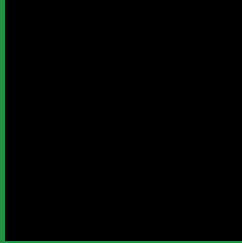
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 239244 Background



This preview shows how black text looks on a background with the Hex color 239244.



This preview shows how white text looks on a background with the Hex color 239244.

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
239244

Protanopia
8C7F3E

Deuteranopia
9A794B



Tritanopia
418995

Trichromacy



Original Color

239244



Protanomaly

668640



Deuteranomaly

6F8248



Tritanomaly

368C78

Monochromacy



Original Color

239244



Achromatopsia

686868



Achromatomaly

4F775B

CSS Examples

Text

The CSS property to change the color of the text to Hex 239244 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 #239244 looks like.

```
.text, #text, p{  
    color:#239244  
}
```

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 #239244 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #239244
}
```

Border

The CSS property to change the border of an element to Hex 239244 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
#239244 }
```

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

```
.border{ border-color:#239244 }
```

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

Here you see how a box with a 4 pixel #239244 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #239244; -webkit-box-shadow:4px 4px  
4px 4px #239244; box-shadow:4px 4px 4px  
4px #239244 }
```

Background

The CSS property to change the background color of an element to Hex 239244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#239244 }
```

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

```
.background{ background-color:#239244 }
```

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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