

Converting Colors

Hex(233618)

Have a look what the booklet for
Hex(233618) contains.

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Color

Hex(233618)

Conversions

Conversions Part 1

Format	Color
Hex	233618
RGB	35, 54, 24
RGB Percent	14%, 21%, 9%
CMY	0.8627, 0.7882, 0.9059
CMYK	0.35, 0.00, 0.56, 0.79
HSL	98°, 38%, 15%
HSV	98°, 56%, 21%
XYZ	2.1772, 3.0616, 1.3404
YIQ	44.8990, -1.6940, -13.3580

Conversions

Conversions Part 2

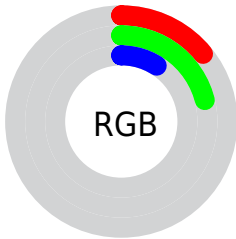
Format	Color
R _Y B	24, 54, 43
Decimal	2307608
CIE Lab	20.29, -14.42, 16.39
CIE LCh	20, 21.827, 131.342
Yxy	3.0616, 0.3309, 0.4654
Android (android.graphics.Color)	4280497688 (0xFF233618)
YUV	44.8990, -10.3032, -8.6814
Hunter-Lab	17.4974, -8.4101, 7.7064

Details

The Hex color **233618** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **2B1836**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **516544**, and **000200** is the 20% darker color. If you saturate the color by 10%, you get **203613**, and if you desaturate by 10%, it is **26361D**.

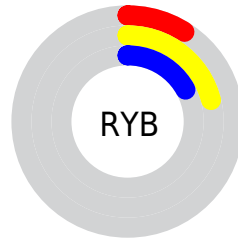
Distribution



Red (14%)

Green (21%)

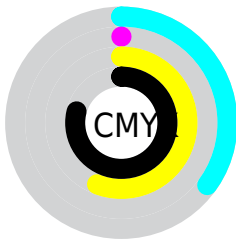
Blue (9%)



Red (9%)

Yellow (21%)

Blue (17%)

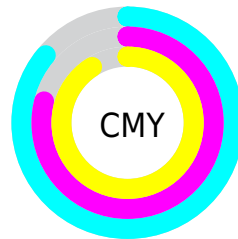


Cyan (35%)

Magenta (0%)

Yellow (56%)

Black (79%)



Cyan (86%)

Magenta (79%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233618 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 233618 by changing the saturation by 10% instead.

 233618

 233618

FFFFFFC

 102000

 516544

 000200

 697E5B

 000000

 829874

 9DB38E

 B8CEA8

 D3EAC3

 F0FFDF

 233618

 233618

■ 203613

■ 26361D

■ 1C360D

■ 2A3623

■ 193608

■ 2D3628

■ 153602

■ 31362E

■ 143600

■ 343633

■ 383638

■ 3B363E

■ 3E3643

■ 423649

Harmonies

Analogous

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



343210



233618



0A3826

Triad

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



233618



00354F



4F232B

Complementary

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



233618



2B1836

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.



49253C



233618



213150

Square

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



233618



003846



3A2A49



4C271D

Rectangle

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



233618



003931



3A2A49



4E2331

Sweetspot

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



233618



40473B



362B18



1F241D



A3A3A3



242424

Same Dimension

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



233618



294718



18361C



1A1C19



225C00



50DB00

Inverse Universe

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



2B1836



361847



361832



1B191C



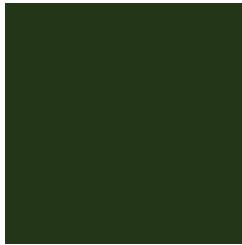
3A005C



8B00DB

Previews

White Background



This preview shows how the Hex color 233618 looks on a white background.

Color Contrast Check

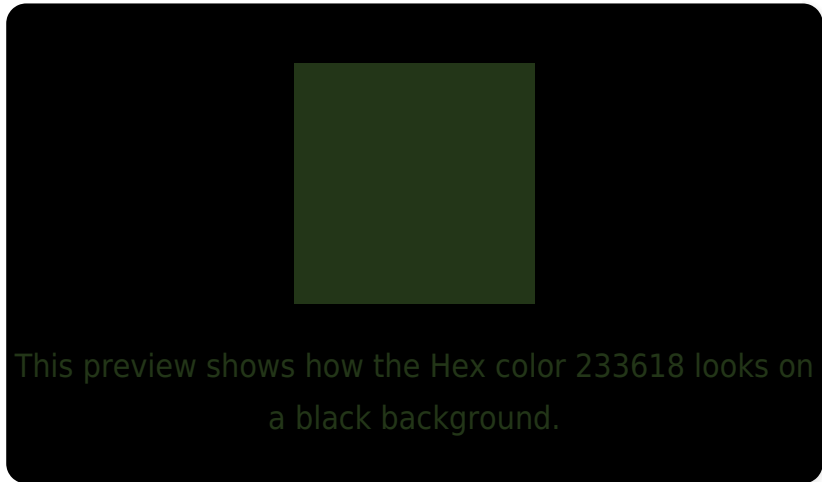
Large Text (above 18pt) WCAG AA ✓ Pass

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

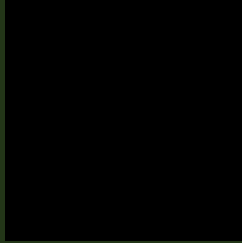
Any Text WCAG AA × Fail

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 233618 Background



This preview shows how black text looks on a background with the Hex color 233618.



This preview shows how white text looks on a background with the Hex color 233618.

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
233618

Protanopia
363116

Deuteranopia
3C2F1A



Tritanopia
283337

Trichromacy



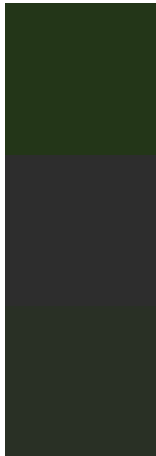
Original Color
233618

Protanomaly
2F3317

Deuteranomaly
333219

Tritanomaly
26342C

Monochromacy



Original Color
233618

Achromatopsia
2D2D2D

Achromatomaly
293025

CSS Examples

Text

The CSS property to change the color of the text to Hex 233618 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 #233618 looks like.

```
.text, #text, p{  
    color:#233618  
}
```

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 #233618 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233618
}
```

Border

The CSS property to change the border of an element to Hex 233618 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
#233618 }
```

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

```
.border{ border-color:#233618 }
```

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

Here you see how a box with a 4 pixel #233618 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233618; -webkit-box-shadow:4px 4px  
4px 4px #233618; box-shadow:4px 4px 4px  
4px #233618 }
```

Background

The CSS property to change the background color of an element to Hex 233618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233618 }
```

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

```
.background{ background-color:#233618 }
```

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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