

Converting Colors

Hex(234618)

Have a look what the booklet for
Hex(234618) contains.

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Color

Hex(234618)

Conversions

Conversions Part 1

Format	Color
Hex	234618
RGB	35, 70, 24
RGB Percent	14%, 27%, 9%
CMY	0.8627, 0.7255, 0.9059
CMYK	0.50, 0.00, 0.66, 0.73
HSL	106°, 49%, 18%
HSV	106°, 66%, 27%
XYZ	3.0482, 4.8036, 1.6307
YIQ	54.2910, -6.0940, -21.7260

Conversions

Conversions Part 2

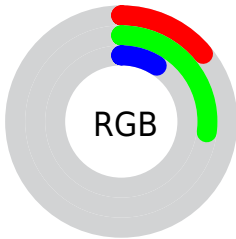
Format	Color
RYB	24, 70, 59
Decimal	2311704
CIELab	26.17, -22.90, 23.40
CIElCh	26, 32.745, 134.378
Yxy	4.8036, 0.3215, 0.5066
Android (android.graphics.Color)	4280501784 (0xFF234618)
YUV	54.2910, -14.9335, -16.9182
Hunter-Lab	21.9171, -13.5297, 10.9307

Details

The Hex color **234618** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **3B1846**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **537745**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **1E4611**, and if you desaturate by 10%, it is **28461F**.

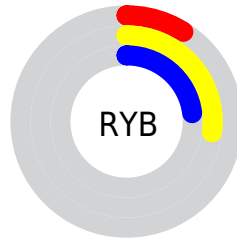
Distribution



Red (14%)

Green (27%)

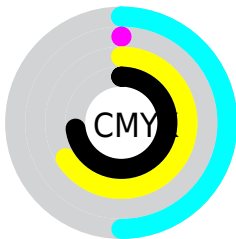
Blue (9%)



Red (9%)

Yellow (27%)

Blue (23%)

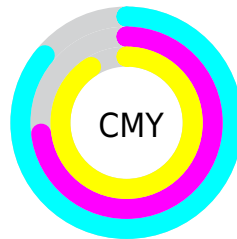


Cyan (50%)

Magenta (0%)

Yellow (66%)

Black (73%)



Cyan (86%)

Magenta (73%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234618 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 234618 by changing the saturation by 10% instead.



234618



234618

FFFFFF



0D2F00



537745



001C00



6C915D



000000



86AB76



A0C790



BCE3AA



D8FFC6



F4FFE2



234618



234618

■ 1E4611

■ 28461F

■ 18460A

■ 2E4626

■ 134603

■ 33462D

■ 114600

■ 384634

■ 3E463B

■ 434642

■ 484649

■ 4E4650

■ 534657

Harmonies

Analogous

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



3F4008



234618



004930

Triad

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



234618



00446E



6B2733

Complementary

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



234618



3B1846

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.



64284C



234618



243D6E

Square

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



234618



004960



4E3262



652E1C

Rectangle

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



234618



004A41



4E3262



6A263B

Sweetspot

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



234618



4E5C49



463B18



262E23



ADADAD



2E2E2E

Same Dimension

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



234618



255C13



184624



212420



186300



36E300

Inverse Universe

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



3B1846



4A135C



46183B



232024



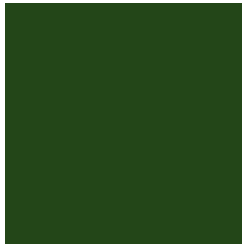
4C0063



AD00E3

Previews

White Background



This preview shows how the Hex color 234618 looks on a white background.

Color Contrast Check

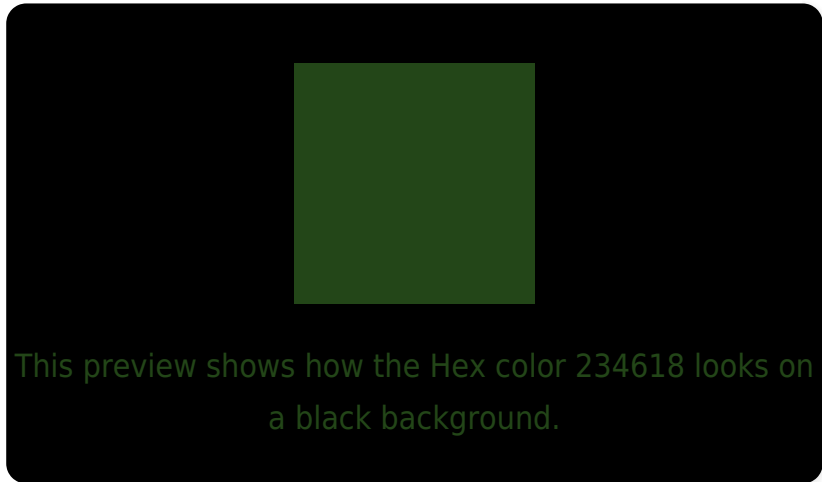
Large Text (above 18pt) WCAG AA ✓ Pass

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

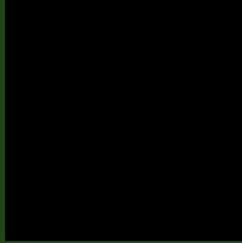
Any Text WCAG AA × Fail

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 234618 Background



This preview shows how black text looks on a background with the Hex color 234618.



This preview shows how white text looks on a background with the Hex color 234618.

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
234618

Protanopia
453E16

Deuteranopia
4D3B1C



Tritanopia
2C4147

Trichromacy



Original Color
234618

Protanomaly
394117

Deuteranomaly
3E3F1B

Tritanomaly
294336

Monochromacy



Original Color
234618

Achromatopsia
363636

Achromatomaly
2F3C2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 234618 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 #234618 looks like.

```
.text, #text, p{  
    color:#234618  
}
```

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 #234618 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234618
}
```

Border

The CSS property to change the border of an element to Hex 234618 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".

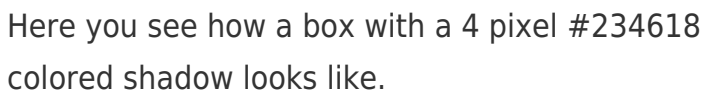
```
.border, #border, table{ border:4px solid
#234618 }
```

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

```
.border{ border-color:#234618 }
```

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

Here you see how a box with a 4 pixel #234618 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234618; -webkit-box-shadow:4px 4px  
4px 4px #234618; box-shadow:4px 4px 4px  
4px #234618 }
```

Background

The CSS property to change the background color of an element to Hex 234618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234618 }
```

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

```
.background{ background-color:#234618 }
```

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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