

Converting Colors

Hex(234725)

Have a look what the booklet for
Hex(234725) contains.

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Color

Hex(234725)

Conversions

Conversions Part 1

Format	Color
Hex	234725
RGB	35, 71, 37
RGB Percent	14%, 28%, 15%
CMY	0.8627, 0.7216, 0.8549
CMYK	0.51, 0.00, 0.48, 0.72
HSL	123°, 34%, 21%
HSV	123°, 51%, 28%
XYZ	3.2803, 4.9974, 2.5420
YIQ	56.3600, -10.5420, -18.2060

Conversions

Conversions Part 2

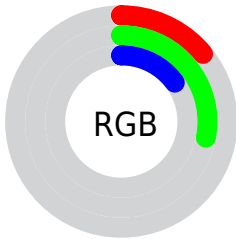
Format	Color
R_{YB}	35, 69, 71
Decimal	2311973
CIE _{Lab}	26.73, -21.38, 16.51
CIE _{LCh}	27, 27.010, 142.328
Yxy	4.9974, 0.3032, 0.4619
Android (android.graphics.Color)	4280502053 (0xFF234725)
YUV	56.3600, -9.5445, -18.7327
Hunter-Lab	22.3548, -12.9281, 8.9065

Details

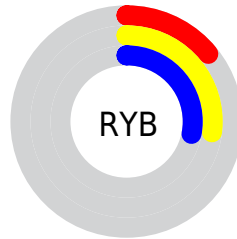
The Hex color **234725** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **472345**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **527852**, and **001D00** is the 20% darker color. If you saturate the color by 10%, you get **1C471E**, and if you desaturate by 10%, it is **2A472C**.

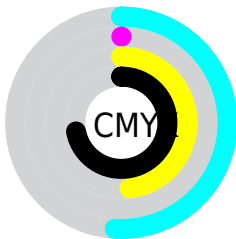
Distribution



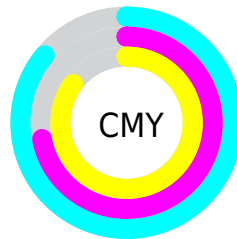
- Red (14%)
- Green (28%)
- Blue (15%)



- Red (14%)
- Yellow (27%)
- Blue (28%)



- Cyan (51%)
- Magenta (0%)
- Yellow (48%)
- Black (72%)



- Cyan (86%)
- Magenta (72%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234725 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 234725 by changing the saturation by 10% instead.

 234725

 234725

FFFFFF

 0B3010

 527852

 001D00

 6B926B

 000000

 85AC84

 9FC89E

 BBE4B9

 D7FFD5

 F3FFF1

 234725

 234725

■ 1C471E

■ 2A472C

■ 154718

■ 314732

■ 0E4711

■ 384739

■ 07470A

■ 3F4740

■ 004704

■ 474747

■ 4E474D

■ 554754

■ 5C475B

■ 634761

Harmonies

Analogous

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



3C4317



234725



004939

Triad

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



234725



004368



652E31

Complementary

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



234725



472345

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.



622E45



234725



383C65

Square

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



234725



00475F



533459



5E351F

Rectangle

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



234725



004A47



533459



662D37

Sweetspot

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



234725



4E5C4F



454723



262E26



ADADAD



2E2E2E

Same Dimension

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



234725



245C27



234737



202420



006306



00E30D

Inverse Universe

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



472345



5C2459



472333



242024



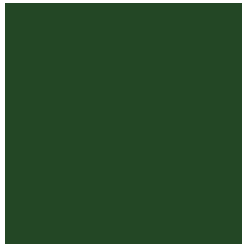
63005E



E300D6

Previews

White Background



This preview shows how the Hex color 234725 looks on a white background.

Color Contrast Check

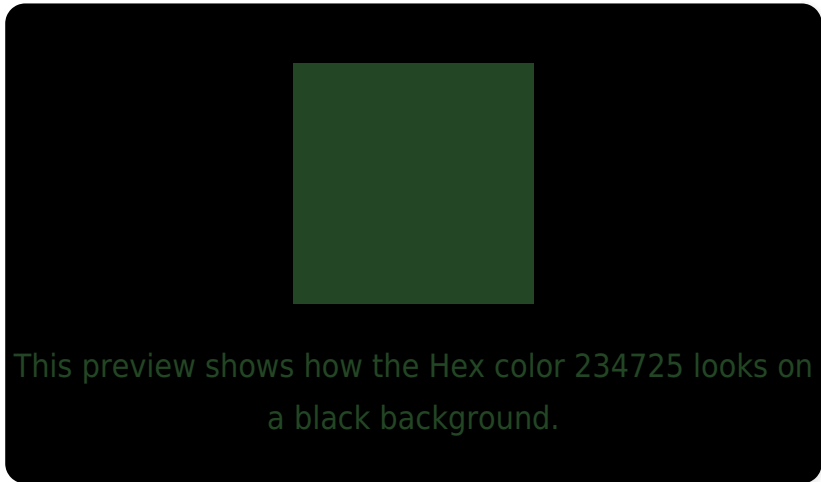
Large Text (above 18pt) WCAG AA ✓ Pass

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

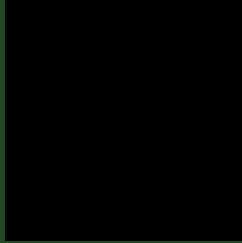
Any Text WCAG AA × Fail

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 234725 Background



This preview shows how black text looks on a background with the Hex color 234725.



This preview shows how white text looks on a background with the Hex color 234725.

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](#).

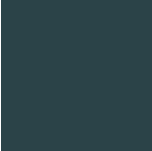
Dichromacy



Original Color
234725

Protanopia
453F22

Deuteranopia
4C3C28



Tritanopia
2B4348

Trichromacy



Original Color
234725

Protanomaly
394223

Deuteranomaly
3D4027

Tritanomaly
28443B

Monochromacy



Original Color
234725

Achromatopsia
383838

Achromatomaly
303D31

CSS Examples

Text

The CSS property to change the color of the text to Hex 234725 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 #234725 looks like.

```
.text, #text, p{  
    color:#234725  
}
```

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 #234725 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234725
}
```

Border

The CSS property to change the border of an element to Hex 234725 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
#234725 }
```

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

```
.border{ border-color:#234725 }
```

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

Here you see how a box with a 4 pixel #234725 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234725; -webkit-box-shadow:4px 4px  
4px 4px #234725; box-shadow:4px 4px 4px  
4px #234725 }
```

Background

The CSS property to change the background color of an element to Hex 234725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234725 }
```

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

```
.background{ background-color:#234725 }
```

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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