

Converting Colors

Hex(234523)

Have a look what the booklet for
Hex(234523) contains.

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Color

Hex(234523)

Conversions

Conversions Part 1

Format	Color
Hex	234523
RGB	35, 69, 35
RGB Percent	14%, 27%, 14%
CMY	0.8627, 0.7294, 0.8627
CMYK	0.49, 0.00, 0.49, 0.73
HSL	120°, 33%, 20%
HSV	120°, 49%, 27%
XYZ	3.1246, 4.7349, 2.3394
YIQ	54.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

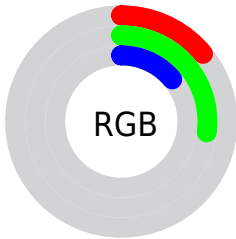
Format	Color
R_{YB}	35, 69, 69
Decimal	2311459
CIE _{Lab}	25.97, -20.71, 16.75
CIE _{LCh}	26, 26.642, 141.032
Yxy	4.7349, 0.3064, 0.4643
Android (android.graphics.Color)	4280501539 (0xFF234523)
YUV	54.9580, -9.8393, -17.5032
Hunter-Lab	21.7599, -12.4479, 8.8578

Details

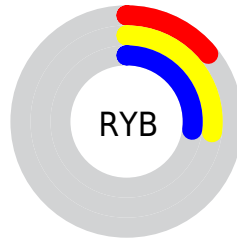
The Hex color **234523** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **452345**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **527650**, and **001B00** is the 20% darker color. If you saturate the color by 10%, you get **1C451C**, and if you desaturate by 10%, it is **2A452A**.

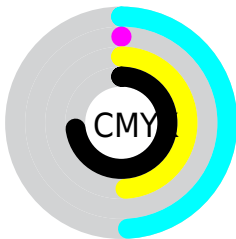
Distribution



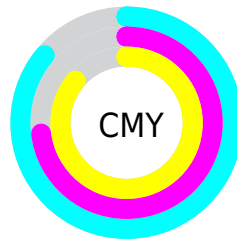
- Red (14%)
- Green (27%)
- Blue (14%)



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



- Cyan (49%)
- Magenta (0%)
- Yellow (49%)
- Black (73%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 234523 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 234523 by changing the saturation by 10% instead.

 234523

 234523

FFFFFF

 0C2E0E

 527650

 001B00

 6B8F68

 000000

 85AA82

 9FC59C

 BAE1B7

 D6FED2

 F3FFEF

 234523

 234523

■ 1C451C

■ 2A452A

■ 154515

■ 314531

■ 0E450E

■ 384538

■ 074507

■ 3F453F

■ 014501

■ 464546

■ 004500

■ 4C454C

■ 534553

■ 5A455A

■ 614561

Harmonies

Analogous

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



3B4116



234523



004736

Triad

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



234523



004165



632D30

Complementary

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



234523



452345

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.



602D44



234523



353B63

Square

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



234523



00465C



503257



5C331F

Rectangle

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



234523



004845



503257



632C37

Sweetspot

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



234523



4C594C



454523



262E26



ADADAD



2E2E2E

Same Dimension

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



234523



255925



234534



202420



006300



00E300

Inverse Universe

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



452345



592559



452334



242024



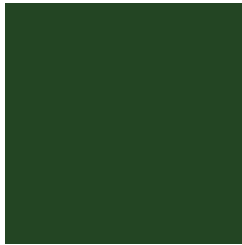
630063



E300E3

Previews

White Background



This preview shows how the Hex color 234523 looks on a white background.

Color Contrast Check

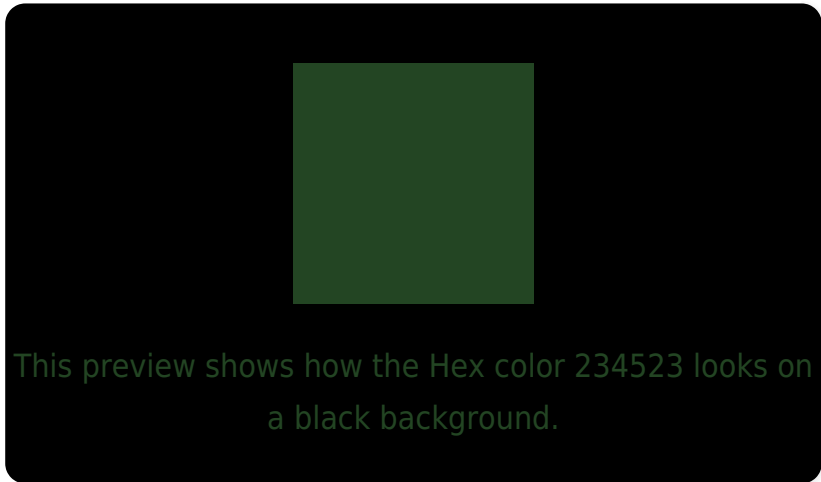
Large Text (above 18pt) WCAG AA ✓ Pass

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

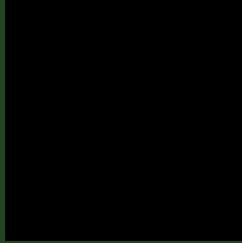
Any Text WCAG AA × Fail

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 234523 Background



This preview shows how black text looks on a background with the Hex color 234523.



This preview shows how white text looks on a background with the Hex color 234523.

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
234523

Protanopia
443D20

Deuteranopia
4A3B26



Tritanopia
2B4146

Trichromacy



Original Color
234523

Protanomaly
384021

Deuteranomaly
3C3F25

Tritanomaly
284239

Monochromacy



Original Color
234523

Achromatopsia
373737

Achromatomaly
303C30

CSS Examples

Text

The CSS property to change the color of the text to Hex 234523 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 #234523 looks like.

```
.text, #text, p{  
    color:#234523  
}
```

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 #234523 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234523
}
```

Border

The CSS property to change the border of an element to Hex 234523 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
#234523 }
```

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

```
.border{ border-color:#234523 }
```

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

Here you see how a box with a 4 pixel #234523 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234523; -webkit-box-shadow:4px 4px  
4px 4px #234523; box-shadow:4px 4px 4px  
4px #234523 }
```

Background

The CSS property to change the background color of an element to Hex 234523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234523 }
```

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

```
.background{ background-color:#234523 }
```

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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