

# Converting Colors

Hex(255823)

Have a look what the booklet for  
Hex(255823) contains.

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# Color

Hex(255823)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	255823
RGB	37, 88, 35
RGB Percent	15%, 35%, 14%
CMY	0.8549, 0.6549, 0.8627
CMYK	0.58, 0.00, 0.60, 0.65
HSL	118°, 43%, 24%
HSV	118°, 60%, 35%
XYZ	4.5560, 7.4941, 2.7965
YIQ	66.7090, -13.3830, -27.2950

# Conversions

## Conversions Part 2

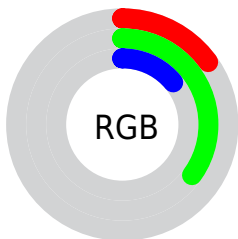
<b>Format</b>	<b>Color</b>
<b>RYB</b>	35, 88, 86
Decimal	2447395
CIELab	32.91, -29.17, 25.31
CIElCh	33, 38.624, 139.053
Yxy	7.4941, 0.3069, 0.5048
Android (android.graphics.Color)	4280637475 (0xFF255823)
YUV	66.7090, -15.6325, -26.0548
Hunter-Lab	27.3754, -18.1994, 13.1061

# Details

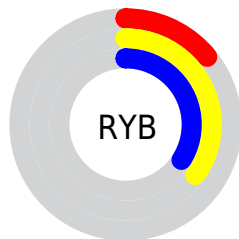
The Hex color **255823** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **562358**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **578B51**, and **002A00** is the 20% darker color. If you saturate the color by 10%, you get **1D581A**, and if you desaturate by 10%, it is **2D582C**.

# Distribution



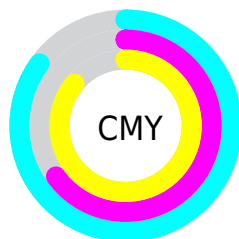
- Red (15%)
- Green (35%)
- Blue (14%)



- Red (14%)
- Yellow (35%)
- Blue (34%)



- Cyan (58%)
- Magenta (0%)
- Yellow (60%)
- Black (65%)



- Cyan (85%)
- Magenta (65%)
- Yellow (86%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 255823 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 255823 by changing the saturation by 10% instead.



 255823

 255823

FFFFFF

 08400D

 578B51

 002A00

 71A56A

 001200

 8BC083

 000000

 A6DC9E

 C2F9B9

 DEFFD5

 FBFFF1

 255823

 255823

■ 1D581A

■ 2D582C

■ 145811

■ 365835

■ 0C5809

■ 3E583D

■ 035800

■ 475846

■ 4F584F

■ 585858

■ 605861

■ 695869

■ 715872

# Harmonies

## Analogous

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



4A520C



255823



005B41

# Triad

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



255823



005489



84313B

# Complementary

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



255823



562358

# 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.



7F325A



255823



384A87

# Square

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



255823



005A7B



673D76



7B3C20

# Rectangle

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



255823



005C56



673D76



843045



# Sweetspot

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



255823



5F735E



585523



2E3B2E



BABABA



3B3B3B



# Same Dimension

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



255823



237320



23583B



272B27



046B00



09EB00



# Inverse Universe

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



562358



702073



582340



2B272B



67006B

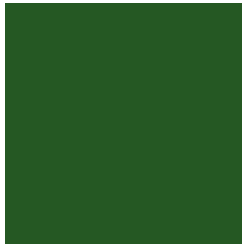


E200EB



# Previews

## White Background



This preview shows how the Hex color 255823 looks on a white background.

## Color Contrast Check

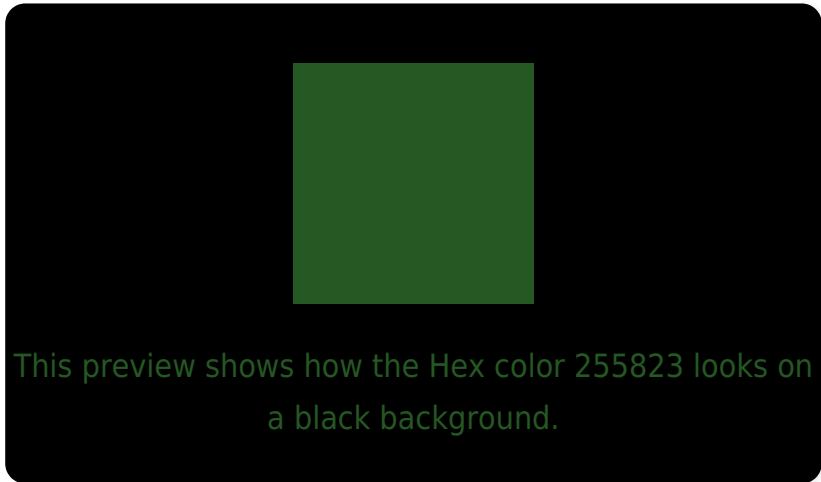
Large Text (above 18pt) WCAG AA ✓ Pass

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

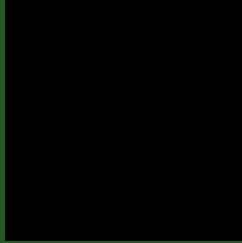
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 255823 Background



This preview shows how black text looks on a background with the Hex color 255823.



This preview shows how white text looks on a background with the Hex color 255823.

# 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**  
255823

**Protanopia**  
564D20

**Deuteranopia**  
5F4927



**Tritanopia**  
315359

# Trichromacy



**Original Color**  
255823

**Protanomaly**  
445121

**Deuteranomaly**  
4A4E26

**Tritanomaly**  
2D5545

# Monochromacy



**Original Color**  
255823

**Achromatopsia**  
434343

**Achromatomaly**  
384B37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 255823 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 #255823 looks like.

```
.text, #text, p{  
    color:#255823  
}
```

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 #255823 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #255823
}
```

## Border

The CSS property to change the border of an element to Hex 255823 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
#255823 }
```

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

```
.border{ border-color:#255823 }
```

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

Here you see how a box with a 4 pixel #255823 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #255823; -webkit-box-shadow:4px 4px  
4px 4px #255823; box-shadow:4px 4px 4px  
4px #255823 }
```

# Background

The CSS property to change the background color of an element to Hex 255823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#255823 }
```

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

```
.background{ background-color:#255823 }
```

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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