

# Converting Colors

Hex(225935)

Have a look what the booklet for  
Hex(225935) contains.

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# Color

Hex(225935)

# Conversions

## Conversions Part 1

Format	Color
Hex	225935
RGB	34, 89, 53
RGB Percent	13%, 35%, 21%
CMY	0.8667, 0.6510, 0.7922
CMYK	0.62, 0.00, 0.40, 0.65
HSL	141°, 45%, 24%
HSV	141°, 62%, 35%
XYZ	4.8747, 7.7419, 4.6056
YIQ	68.4510, -21.2240, -22.8560

# Conversions

## Conversions Part 2

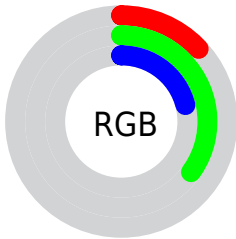
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 75, 89
Decimal	2251061
CIELab	33.44, -27.33, 15.56
CIELCh	33, 31.449, 150.355
Yxy	7.7419, 0.2830, 0.4495
Android (android.graphics.Color)	4280441141 (0xFF225935)
YUV	68.4510, -7.6173, -30.2135
Hunter-Lab	27.8242, -17.4201, 9.6631




# Details

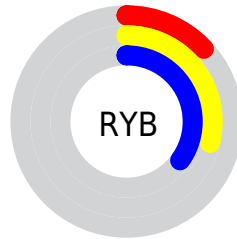
The Hex color **225935** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **592246**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **548C64**, and **002A09** is the 20% darker color. If you saturate the color by 10%, you get **19592F**, and if you desaturate by 10%, it is **2B593B**.

# Distribution







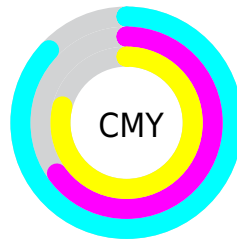
-  Red (13%)
-  Green (35%)
-  Blue (21%)






-  Red (13%)
-  Yellow (29%)
-  Blue (35%)



-  Cyan (62%)
-  Magenta (0%)
-  Yellow (40%)
-  Black (65%)



-  Cyan (87%)
-  Magenta (65%)
-  Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 225935 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 225935 by changing the saturation by 10% instead.



 225935

 225935

FFFFFF

 04411F

 548C64

 002A09

 6EA67D

 001400

 88C197

 000000

 A3DEB2

 BFFACD

 DBFFEA

 F8FFFF

 225935

 225935

■ 19592F

■ 2B593B

■ 105929

■ 345941

■ 075924

■ 3D5946

■ 00591F

■ 46594C

■ 4F5952

■ 575958

■ 60595E

■ 695964

■ 725969

# Harmonies

## Analogous

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



435522



225935



005B4E

# Triad

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



225935



1D5180



7C3C37

# Complementary

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



225935



592246

# 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.



7B394F



225935



50487A

# Square

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



225935



005879



6D3E68



704423

# Rectangle

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



225935



005B5F



6D3E68



7D3A3F



# Sweetspot

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



225935



5D7364



475922



2D3B32



BABABA



3B3B3B



# Same Dimension

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



225935



1E733B



225950



272B29



006B25



00EB51



# Inverse Universe

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



592246



731E55



59222B



2B272A



6B0046

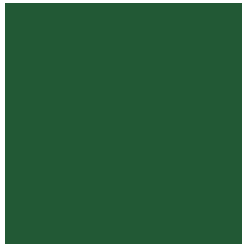


EB009A



# Previews

## White Background



This preview shows how the Hex color 225935 looks on a white background.

## Color Contrast Check

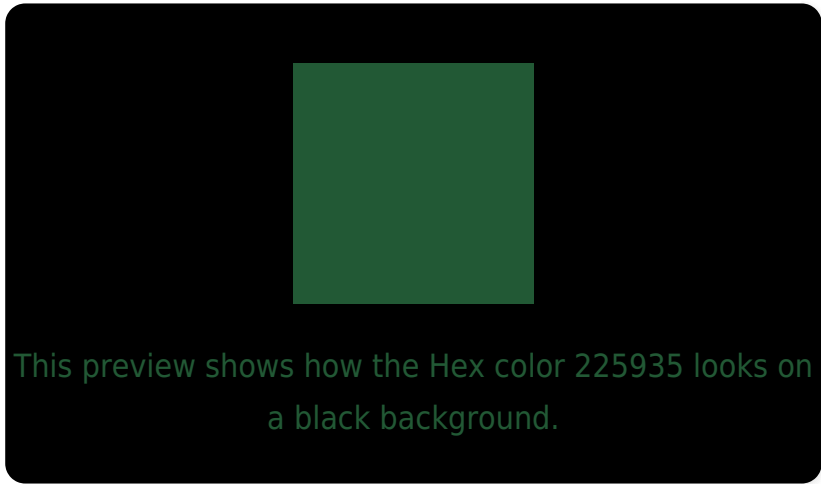
Large Text (above 18pt) WCAG AA ✓ Pass

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

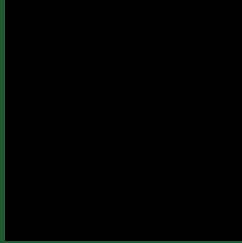
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 225935 Background



This preview shows how black text looks on a background with the Hex color 225935.



This preview shows how white text looks on a background with the Hex color 225935.

# 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**  
225935

**Protanopia**  
554E31

**Deuteranopia**  
5D4B38



**Tritanopia**  
2E545B

# Trichromacy



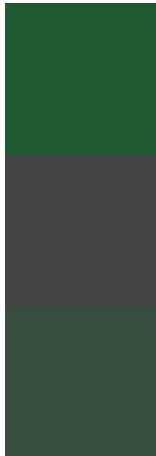
**Original Color**  
225935

**Protanomaly**  
425232

**Deuteranomaly**  
485037

**Tritanomaly**  
2A564D

# Monochromacy



**Original Color**  
225935

**Achromatopsia**  
444444

**Achromatomaly**  
384C3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 225935 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 #225935 looks like.

```
.text, #text, p{  
    color:#225935  
}
```

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 #225935 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #225935
}
```

## Border

The CSS property to change the border of an element to Hex 225935 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
#225935 }
```

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

```
.border{ border-color:#225935 }
```

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

Here you see how a box with a 4 pixel #225935 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #225935; -webkit-box-shadow:4px 4px  
4px 4px #225935; box-shadow:4px 4px 4px  
4px #225935 }
```

# Background

The CSS property to change the background color of an element to Hex 225935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#225935 }
```

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

```
.background{ background-color:#225935 }
```

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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