

# Converting Colors

Hex(201E4A)

Have a look what the booklet for  
Hex(201E4A) contains.

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# Color

**Hex(201E4A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	201E4A
RGB	32, 30, 74
RGB Percent	13%, 12%, 29%
CMY	0.8745, 0.8824, 0.7098
CMYK	0.57, 0.59, 0.00, 0.71
HSL	243°, 42%, 20%
HSV	243°, 59%, 29%
XYZ	2.2960, 1.7300, 6.6915
YIQ	35.6140, -12.9320, 14.1080

# Conversions

## Conversions Part 2

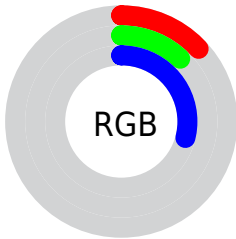
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	32, 30, 74
Decimal	2104906
CIE Lab	14.00, 15.22, -27.20
CIE LCh	14, 31.168, 299.231
Yxy	1.7300, 0.2142, 0.1614
Android (android.graphics.Color)	4280294986 (0xFF201E4A)
YUV	35.6140, 18.9243, -3.1695
Hunter-Lab	13.1531, 8.1406, -20.9560

# Details

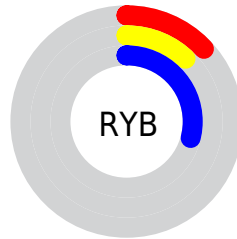
The Hex color **201E4A** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **484A1E**, and the grayscale version is **232323**.

A 20% lighter version of the original color is **504A7B**, and **00021D** is the 20% darker color. If you saturate the color by 10%, you get **19174A**, and if you desaturate by 10%, it is **27254A**.

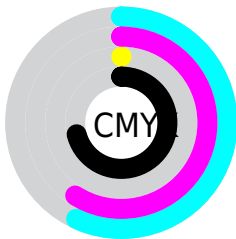
# Distribution



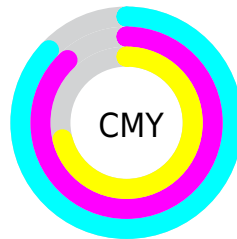
- Red (13%)
- Green (12%)
- Blue (29%)



- Red (13%)
- Yellow (12%)
- Blue (29%)



- Cyan (57%)
- Magenta (59%)
- Yellow (0%)
- Black (71%)



- Cyan (87%)
- Magenta (88%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 201E4A 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 201E4A by changing the saturation by 10% instead.



■ 201E4A

■ 201E4A

FFFFFF

■ 0A0633

■ 504A7B

■ 00021D

■ 696295

■ 000000

■ 837AB0

■ 9E94CC

■ B9AFE8

■ D5CAFF

■ F2E6FF

■ 201E4A

■ 201E4A

■ 19174A

■ 27254A

■ 120F4A

■ 2E2D4A

■ 0B084A

■ 35344A

■ 04004A

■ 3C3C4A

■ 03004A

■ 43434A

■ 4A4A4A

■ 51524A

■ 59594A

■ 60614A

# Harmonies

## Analogous

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



002750



201E4A



3D123A

# Triad

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



201E4A



3E1900



002D22

# Complementary

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



201E4A



484A1E

# 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.



002C0A



201E4A



2E2200

# Square

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



201E4A



480E0F



192800



002D38

# Rectangle

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



201E4A



460B2C



192800



002D1B



# Sweetspot

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



201E4A



504F61



1E494A



262630



B0B0B0



303030



# Same Dimension

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



201E4A



1F1C61



351E4A



232226



050066



0A00E6



# Inverse Universe

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



4A1E48



611C5E



334A1E



262226



660061



E600DB



# Previews

## White Background



This preview shows how the Hex color 201E4A looks on a white background.

## Color Contrast Check

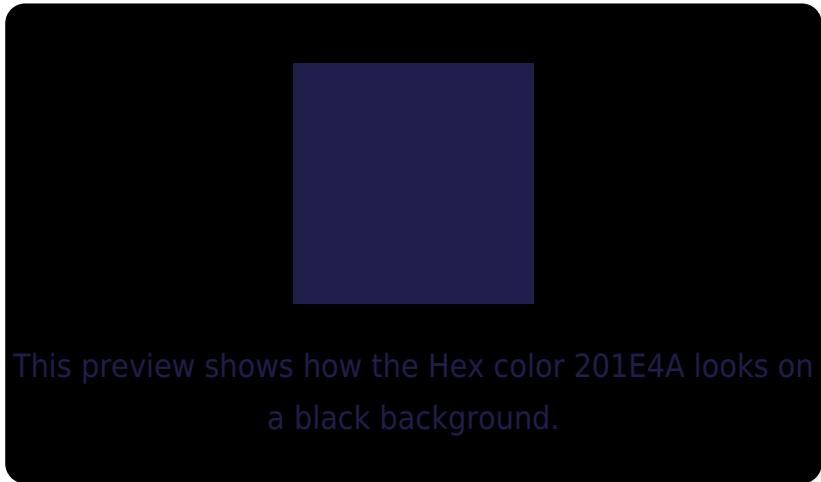
Large Text (above 18pt) WCAG AA ✓ Pass

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

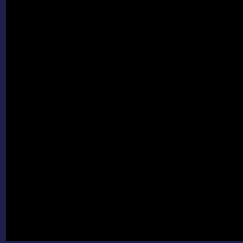
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 201E4A Background



This preview shows how black text looks on a background with the Hex color 201E4A.



This preview shows how white text looks on a background with the Hex color 201E4A.

# 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**  
201E4A

**Protanopia**  
00234A

**Deuteranopia**  
002540



**Tritanopia**  
14272A

# Trichromacy



**Original Color**  
201E4A

**Protanomaly**  
0C214A

**Deuteranomaly**  
0C2244

**Tritanomaly**  
182436

# Monochromacy



**Original Color**  
201E4A

**Achromatopsia**  
242424

**Achromatomaly**  
232232

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 201E4A 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 #201E4A looks like.

```
.text, #text, p{  
    color:#201E4A  
}
```

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 #201E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #201E4A
}
```

## Border

The CSS property to change the border of an element to Hex 201E4A 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
#201E4A }
```

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

```
.border{ border-color:#201E4A }
```

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

Here you see how a box with a 4 pixel #201E4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #201E4A; -webkit-box-shadow:4px 4px  
4px 4px #201E4A; box-shadow:4px 4px 4px  
4px #201E4A }
```

# Background

The CSS property to change the background color of an element to Hex 201E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#201E4A }
```

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

```
.background{ background-color:#201E4A }
```

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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