

Converting Colors

Hex(221457)

Have a look what the booklet for
Hex(221457) contains.

Hex(221457)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(221457)

Conversions

Conversions Part 1

Format	Color
Hex	221457
RGB	34, 20, 87
RGB Percent	13%, 8%, 34%
CMY	0.8667, 0.9216, 0.6588
CMYK	0.61, 0.77, 0.00, 0.66
HSL	253°, 63%, 21%
HSV	253°, 77%, 34%
XYZ	2.6301, 1.5285, 9.1732
YIQ	31.8240, -13.1630, 23.8050

Conversions

Conversions Part 2

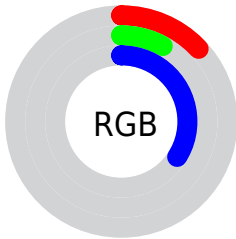
Format	Color
R_{YB}	34, 20, 87
Decimal	2233431
CIE _{Lab}	12.79, 27.15, -38.04
CIE _{LCh}	13, 46.735, 305.512
Yxy	1.5285, 0.1973, 0.1147
Android (android.graphics.Color)	4280423511 (0xFF221457)
YUV	31.8240, 27.2018, 1.9084
Hunter-Lab	12.3633, 16.3379, -35.3372




Details

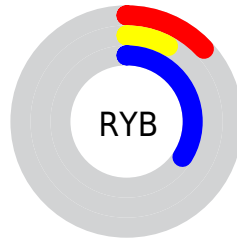
The Hex color **221457** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **495714**, and the grayscale version is **202020**.




A 20% lighter version of the original color is **55408A**, and **000328** is the 20% darker color. If you saturate the color by 10%, you get **1B0B57**, and if you desaturate by 10%, it is **291D57**.

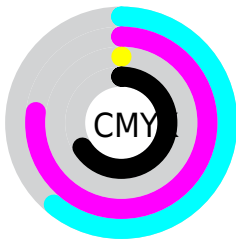
Distribution







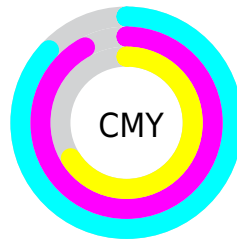
-  Red (13%)
-  Green (8%)
-  Blue (34%)






-  Red (13%)
-  Yellow (8%)
-  Blue (34%)



-  Cyan (61%)
-  Magenta (77%)
-  Yellow (0%)
-  Black (66%)



-  Cyan (87%)
-  Magenta (92%)
-  Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 221457 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 221457 by changing the saturation by 10% instead.

■ 221457

■ 221457

■ FFF8FF

■ 09003F

■ 55408A

■ 000328

■ 6F58A4

■ 000112

■ 8A70C0

■ 000000

■ A58ADC

■ C1A4F8

■ DDC0FF

■ FBDCFF

■ 221457

■ 221457

■ 1B0B57

■ 291D57

■ 140357

■ 302557

■ 120057

■ 372E57

■ 3E3757

■ 443F57

■ 4B4857

■ 525157

■ 595A57

■ 606257

Harmonies

Analogous

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



002463



221457



4A003D

Triad

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



221457



3F1400



002E26

Complementary

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



221457



495714

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.



002D00



221457



252200

Square

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



221457



510000



002900



002E47

Rectangle

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



221457



540028



002900



002E1B

Sweetspot

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



221457



5C5670



144A57



2C2838



B8B8B8



383838

Same Dimension

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



221457



1F0970



431457



28272B



16006B



3100EB

Inverse Universe

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



571449



70095B



285714



2B272A



6B0055



EB00BA

Previews

White Background



This preview shows how the Hex color 221457 looks on a white background.

Color Contrast Check

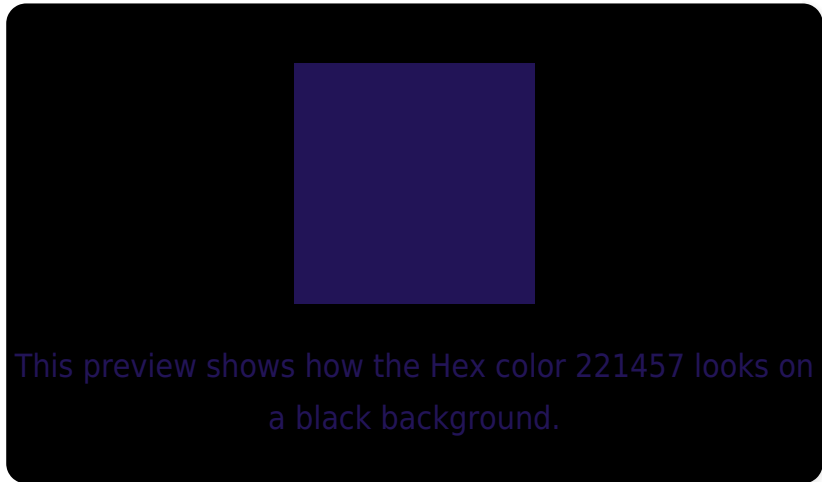
Large Text (above 18pt) WCAG AA ✓ Pass

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

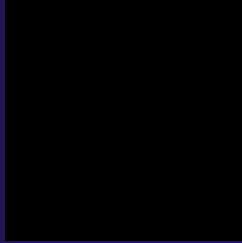
Any Text WCAG AA × Fail

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 221457 Background



This preview shows how black text looks on a background with the Hex color 221457.



This preview shows how white text looks on a background with the Hex color 221457.

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
221457

Protanopia
002145

Deuteranopia
00233B



Tritanopia
0A2629

Trichromacy



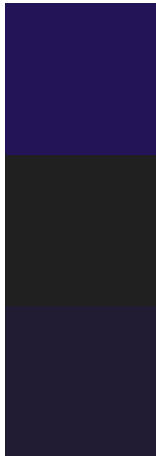
Original Color
221457

Protanomaly
0C1C4C

Deuteranomaly
0C1E45

Tritanomaly
131F3A

Monochromacy



Original Color
221457

Achromatopsia
202020

Achromatomaly
211C34

CSS Examples

Text

The CSS property to change the color of the text to Hex 221457 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 #221457 looks like.

```
.text, #text, p{  
    color:#221457  
}
```

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 #221457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221457
}
```

Border

The CSS property to change the border of an element to Hex 221457 is called "border". The border property can be set on classes, ids or directly on the HTML element.

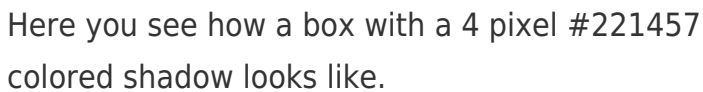
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#221457 }
```

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

```
.border{ border-color:#221457 }
```

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



Here you see how a box with a 4 pixel #221457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221457; -webkit-box-shadow:4px 4px  
4px 4px #221457; box-shadow:4px 4px 4px  
4px #221457 }
```

Background

The CSS property to change the background color of an element to Hex 221457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221457 }
```

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

```
.background{ background-color:#221457 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor