

Converting Colors

Hex(221580)

Have a look what the booklet for
Hex(221580) contains.

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Color

Hex(221580)

Conversions

Conversions Part 1

Format	Color
Hex	221580
RGB	34, 21, 128
RGB Percent	13%, 8%, 50%
CMY	0.8667, 0.9176, 0.4980
CMYK	0.73, 0.84, 0.00, 0.50
HSL	247°, 72%, 29%
HSV	247°, 84%, 50%
XYZ	4.8241, 2.4349, 20.6378
YIQ	37.0850, -26.5990, 36.0330

Conversions

Conversions Part 2

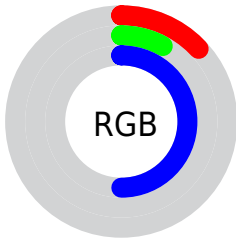
Format	Color
R_{YB}	34, 21, 128
Decimal	2233728
CIE _{Lab}	17.62, 40.20, -56.92
CIE _{LCh}	18, 69.684, 305.235
Yxy	2.4349, 0.1729, 0.0873
Android (android.graphics.Color)	4280423808 (0xFF221580)
YUV	37.0850, 44.8211, -2.7055
Hunter-Lab	15.6042, 27.8768, -67.4926

Details

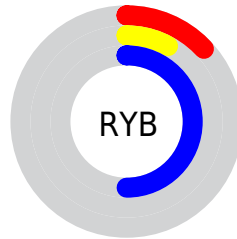
The Hex color **221580** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **738015**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **5F43B6**, and **00004D** is the 20% darker color. If you saturate the color by 10%, you get **170880**, and if you desaturate by 10%, it is **2D2280**.

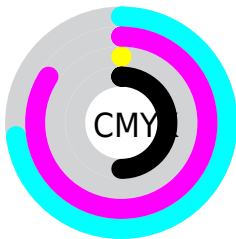
Distribution



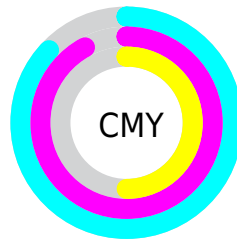
- Red (13%)
- Green (8%)
- Blue (50%)



- Red (13%)
- Yellow (8%)
- Blue (50%)



- Cyan (73%)
- Magenta (84%)
- Yellow (0%)
- Black (50%)



- Cyan (87%)
- Magenta (92%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 221580 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 221580 by changing the saturation by 10% instead.

■ 221580

■ 221580

FFFEFF

■ 000066

■ 5F43B6

■ 00004D

■ 7B5CD2

■ 000536

■ 9775EF

■ 00021F

■ B48FFF

■ 000003

■ D1AFFF

■ 000000

■ EFC5FF

■ FFE2FF

■ 221580

■ 221580

■ 170880

■ 2D2280

■ 100080

■ 382F80

■ 443B80

■ 4F4880

■ 5A5580

■ 656280

■ 716F80

■ 7C7B80

■ 878880

Harmonies

Analogous

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



003293



221580



690056

Triad

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



221580



561400



003C33

Complementary

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



221580



738015

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.



003A00



221580



2F2D00

Square

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



221580



710000



003600



003D65

Rectangle

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



221580



780036



003600



003C21

Sweetspot

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



221580



817CA6



157480



3E3B54



D4D4D4



545454

Same Dimension

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



221580



1400A6



571580



3A3940



0F0080



000000

Inverse Universe

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



801573



A60092



3E8015



40393F



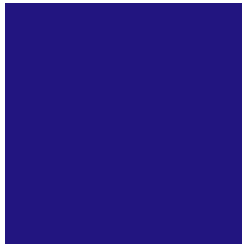
800070



000000

Previews

White Background



This preview shows how the Hex color 221580 looks on a white background.

Color Contrast Check

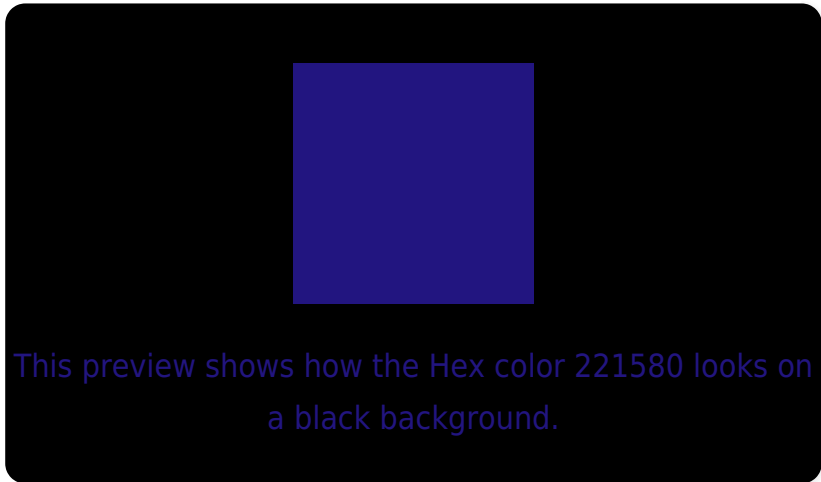
Large Text (above 18pt) WCAG AA ✓ Pass

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

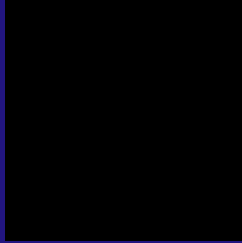
Any Text WCAG AA × Fail

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 221580 Background



This preview shows how black text looks on a background with the Hex color 221580.



This preview shows how white text looks on a background with the Hex color 221580.

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
221580

Protanopia
002B5A

Deuteranopia
002E4D

Trichromacy



Original Color
221580

Protanomaly
0C2368

Deuteranomaly
0C2560

Tritanomaly
0C2750

Monochromacy



Original Color
221580

Achromatopsia
252525

Achromatomaly
241F46

CSS Examples

Text

The CSS property to change the color of the text to Hex 221580 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 #221580 looks like.

```
.text, #text, p{  
    color:#221580  
}
```

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 #221580 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #221580
}
```

Border

The CSS property to change the border of an element to Hex 221580 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".

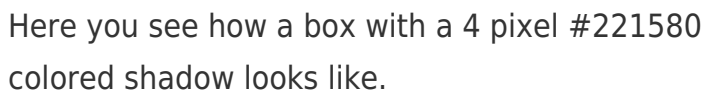
```
.border, #border, table{ border:4px solid
#221580 }
```

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

```
.border{ border-color:#221580 }
```

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

Here you see how a box with a 4 pixel #221580 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #221580; -webkit-box-shadow:4px 4px  
4px 4px #221580; box-shadow:4px 4px 4px  
4px #221580 }
```

Background

The CSS property to change the background color of an element to Hex 221580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#221580 }
```

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

```
.background{ background-color:#221580 }
```

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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