

# Converting Colors

Hex(220452)

Have a look what the booklet for  
Hex(220452) contains.

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# Color

**Hex(220452)**

# Conversions

## Conversions Part 1

Format	Color
Hex	220452
RGB	34, 4, 82
RGB Percent	13%, 2%, 32%
CMY	0.8667, 0.9843, 0.6784
CMYK	0.59, 0.95, 0.00, 0.68
HSL	263°, 91%, 17%
HSV	263°, 95%, 32%
XYZ	2.2261, 1.0361, 8.0653
YIQ	21.8620, -7.1580, 30.6180

# Conversions

## Conversions Part 2

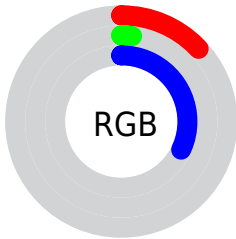
<b>Format</b>	<b>Color</b>
<b>RYB</b>	34, 4, 82
Decimal	2229330
CIELab	9.29, 34.05, -40.39
CIELCh	9, 52.832, 310.132
Yxy	1.0361, 0.1965, 0.0915
Android (android.graphics.Color)	4280419410 (0xFF220452)
YUV	21.8620, 29.6480, 10.6450
Hunter-Lab	10.1790, 21.2240, -39.8532




# Details

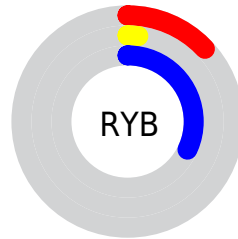
The Hex color **220452** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **345204**, and the grayscale version is **161616**.




A 20% lighter version of the original color is **563284**, and **000224** is the 20% darker color. If you saturate the color by 10%, you get **200052**, and if you desaturate by 10%, it is **270C52**.

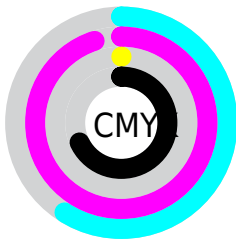
# Distribution







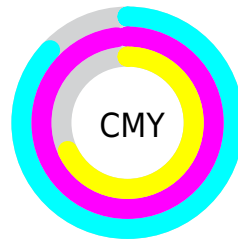
-  Red (13%)
-  Green (2%)
-  Blue (32%)






-  Red (13%)
-  Yellow (2%)
-  Blue (32%)



-  Cyan (59%)
-  Magenta (95%)
-  Yellow (0%)
-  Black (68%)



-  Cyan (87%)
-  Magenta (98%)
-  Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 220452 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 220452 by changing the saturation by 10% instead.



 220452

 220452

 FFE9FF

 0E003B

 563284

 000224

 704A9F

 00000B

 8B62BA

 000000

 A67CD6

 C296F3

 DEB1FF

 FCCDFF

 220452

 220452

■ 200052

■ 270C52

■ 2C1452

■ 311D52

■ 362552

■ 3B2D52

■ 403552

■ 453D52

■ 4A4652

■ 4F4E52

# Harmonies

## Analogous

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



001D63



220452



490033

# Triad

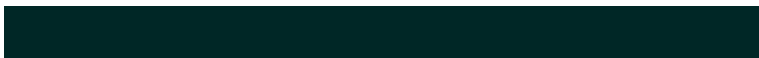
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220452



340E00



002726

# Complementary

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



220452



345204

# 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.



002600



220452



171D00

# Square

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



220452



490000



002400



002948

# Rectangle

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



220452



51001C



002400



002719



# Sweetspot

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



220452



584C6B



043452



2A2336



B5B5B5



363636



# Same Dimension

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



220452



29006B



490452



262529



280069



5900E8



# Inverse Universe

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



520434



6B0042



0D5204



292527



690040

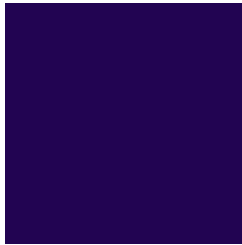


E8008F



# Previews

## White Background



This preview shows how the Hex color 220452 looks on a white background.

## Color Contrast Check

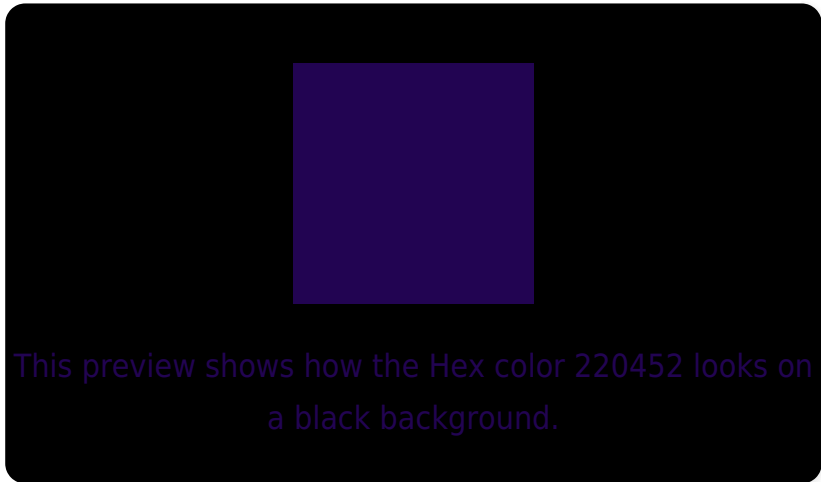
Large Text (above 18pt) WCAG AA ✓ Pass

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

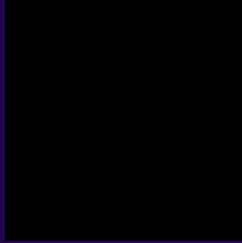
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 220452 Background



This preview shows how black text looks on a background with the Hex color 220452.



This preview shows how white text looks on a background with the Hex color 220452.

# 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**  
220452

**Protanopia**  
001C3C

**Deuteranopia**  
001E33



# Trichromacy



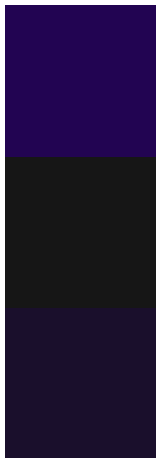
**Original Color**  
220452

**Protanomaly**  
0C1344

**Deuteranomaly**  
0C153E

**Tritanomaly**  
151634

# Monochromacy



**Original Color**  
220452

**Achromatopsia**  
161616

**Achromatomaly**  
1A0F2C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 220452 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 #220452 looks like.

```
.text, #text, p{  
    color:#220452  
}
```

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 #220452 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220452
}
```

## Border

The CSS property to change the border of an element to Hex 220452 is called "border". The border property can be set on classes, ids or directly on the HTML element.

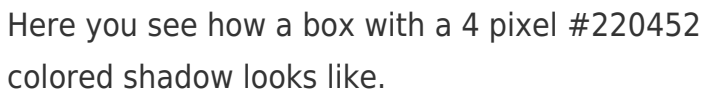
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#220452 }
```

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

```
.border{ border-color:#220452 }
```

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



Here you see how a box with a 4 pixel #220452 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220452; -webkit-box-shadow:4px 4px  
4px 4px #220452; box-shadow:4px 4px 4px  
4px #220452 }
```

# Background

The CSS property to change the background color of an element to Hex 220452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220452 }
```

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

```
.background{ background-color:#220452 }
```

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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