

# Converting Colors

Hex(220530)

Have a look what the booklet for  
Hex(220530) contains.

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# Color

**Hex(220530)**

# Conversions

## Conversions Part 1

Format	Color
Hex	220530
RGB	34, 5, 48
RGB Percent	13%, 2%, 19%
CMY	0.8667, 0.9804, 0.8118
CMYK	0.29, 0.90, 0.00, 0.81
HSL	280°, 81%, 10%
HSV	280°, 90%, 19%
XYZ	1.2475, 0.6620, 2.8583
YIQ	18.5730, 3.4810, 19.5210

# Conversions

## Conversions Part 2

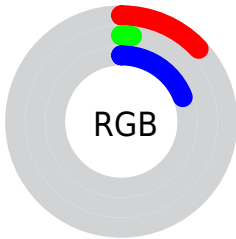
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 5, 48
Decimal	2229552
CIE Lab	5.98, 23.20, -21.54
CIE LCh	6, 31.660, 317.120
Yxy	0.6620, 0.2616, 0.1389
Android (android.graphics.Color)	4280419632 (0xFF220530)
YUV	18.5730, 14.5075, 13.5295
Hunter-Lab	8.1365, 13.1282, -15.1330




# Details

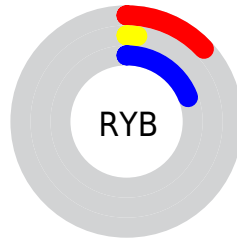
The Hex color **220530** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **133005**, and the grayscale version is **121212**.




A 20% lighter version of the original color is **50315E**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **200030**, and if you desaturate by 10%, it is **240A30**.

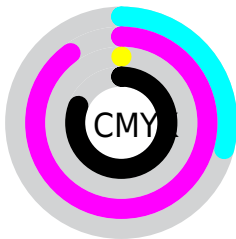
# Distribution







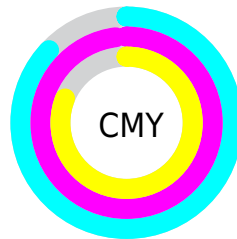
-  Red (13%)
-  Green (2%)
-  Blue (19%)






-  Red (13%)
-  Yellow (2%)
-  Blue (19%)



-  Cyan (29%)
-  Magenta (90%)
-  Yellow (0%)
-  Black (81%)



-  Cyan (87%)
-  Magenta (98%)
-  Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 220530 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 220530 by changing the saturation by 10% instead.



 220530

 220530

 FFE6FF

 00001B

 50315E

 000000

 694877

 826091

 9D79AC

 B893C7

 D4AEE3

 F1CAFF

 220530

 220530

■ 200030

■ 240A30

■ 250F30

■ 271330

■ 281830

■ 2A1D30

■ 2B2230

■ 2D2730

■ 2F2B30

■ 303030

# Harmonies

## Analogous

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



00123C



220530



32001D

# Triad

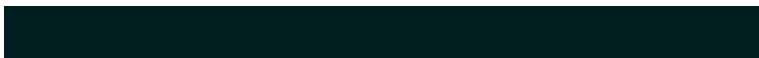
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220530



220F00



001E1F

# Complementary

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



220530



133005

# 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.



001D03



220530



091700

# Square

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



220530



2F0300



001C00



001E32

# Rectangle

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



220530



3600E



001C00



001E18



# Sweetspot

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



220530



382D3D



051330



1B151F



9E9E9E



1F1F1F



# Same Dimension

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



220530



29003D



300529



161517



3A0057



9000D6



# Inverse Universe

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



300513



3D0014



05300C



171515



57001C

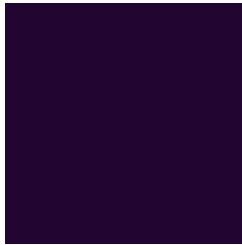


D60046



# Previews

## White Background



This preview shows how the Hex color 220530 looks on a white background.

## Color Contrast Check

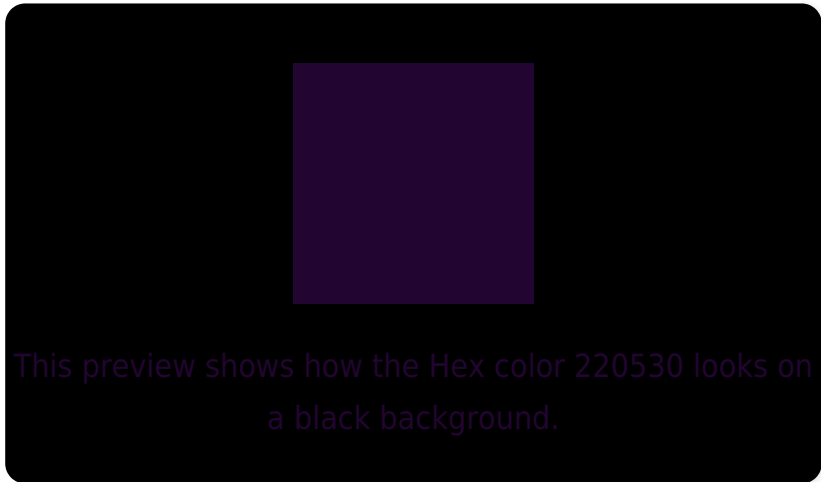
Large Text (above 18pt) WCAG AA ✓ Pass

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

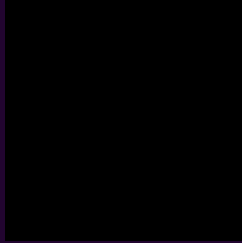
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 220530 Background



This preview shows how black text looks on a background with the Hex color 220530.



This preview shows how white text looks on a background with the Hex color 220530.

# 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](#).

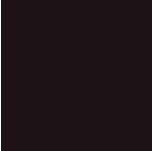
## Dichromacy



**Original Color**  
220530

**Protanopia**  
00152D

**Deuteranopia**  
001727



**Tritanopia**  
1D1315

# Trichromacy



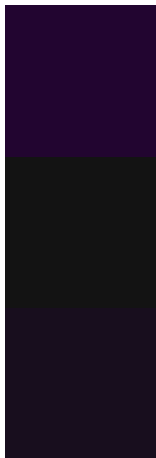
**Original Color**  
220530

**Protanomaly**  
0C0F2E

**Deuteranomaly**  
0C102A

**Tritanomaly**  
1F0E1F

# Monochromacy



**Original Color**  
220530

**Achromatopsia**  
131313

**Achromatomaly**  
180E1E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 220530 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 #220530 looks like.

```
.text, #text, p{  
    color:#220530  
}
```

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 #220530 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220530
}
```

## Border

The CSS property to change the border of an element to Hex 220530 is called "border". The border property can be set on classes, ids or directly on the HTML element.

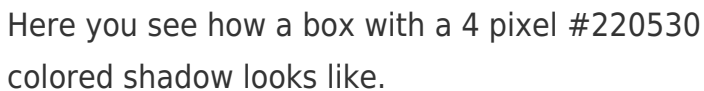
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#220530 }
```

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

```
.border{ border-color:#220530 }
```

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



Here you see how a box with a 4 pixel #220530 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220530; -webkit-box-shadow:4px 4px  
4px 4px #220530; box-shadow:4px 4px 4px  
4px #220530 }
```

# Background

The CSS property to change the background color of an element to Hex 220530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220530 }
```

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

```
.background{ background-color:#220530 }
```

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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