

Converting Colors

Hex(220378)

Have a look what the booklet for
Hex(220378) contains.

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Color

Hex(220378)

Conversions

Conversions Part 1

Format	Color
Hex	220378
RGB	34, 3, 120
RGB Percent	13%, 1%, 47%
CMY	0.8667, 0.9882, 0.5294
CMYK	0.72, 0.98, 0.00, 0.53
HSL	256°, 95%, 24%
HSV	256°, 98%, 47%
XYZ	4.0824, 1.7613, 17.8941
YIQ	25.6070, -19.0810, 42.9590

Conversions

Conversions Part 2

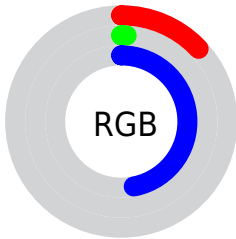
Format	Color
R_{YB}	34, 3, 120
Decimal	2229112
CIE _{Lab}	14.18, 45.01, -57.51
CIE _{LCh}	14, 73.035, 308.049
Yxy	1.7613, 0.1720, 0.0742
Android (android.graphics.Color)	4280419192 (0xFF220378)
YUV	25.6070, 46.5357, 7.3607
Hunter-Lab	13.2713, 31.6841, -70.6526




Details

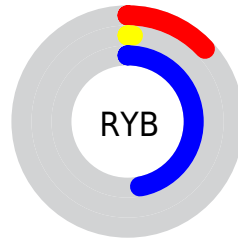
The Hex color **220378** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **597803**, and the grayscale version is **191919**.




A 20% lighter version of the original color is **5E36AE**, and **000046** is the 20% darker color. If you saturate the color by 10%, you get **200078**, and if you desaturate by 10%, it is **2B0F78**.

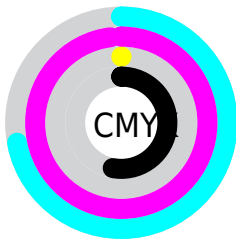
Distribution







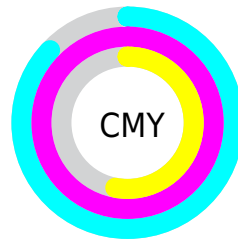
-  Red (13%)
-  Green (1%)
-  Blue (47%)






-  Red (13%)
-  Yellow (1%)
-  Blue (47%)



-  Cyan (72%)
-  Magenta (98%)
-  Yellow (0%)
-  Black (53%)



-  Cyan (87%)
-  Magenta (99%)
-  Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Hex color 220378 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 220378 by changing the saturation by 10% instead.

 220378

 220378

 FFF1FF

 00005F

 5E36AE

 000046

 7A4FC9

 00042E

 9768E6

 000119

 B382FF

 000000

 D09DFF

 EEB8FF

 FFD4FF

 220378

 220378

■ 200078

■ 2B0F78

■ 341B78

■ 3C2778

■ 453378

■ 4E3F78

■ 574B78

■ 605778

■ 696378

■ 716F78

Harmonies

Analogous

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



002A8F



220378



65004C

Triad

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



220378



4A0E00



003431

Complementary

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



220378



597803

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.



003300



220378



212700

Square

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



220378



670000



003000



003664

Rectangle

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



220378



72002A



003000



00341F

Sweetspot

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



220378



7A6E9C



035B78



3B334F



CFCFCF



4F4F4F

Same Dimension

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



220378



29009C



5B0378



39373D



21007D



4300FC

Inverse Universe

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



780359



9C0072



207803



3D373C



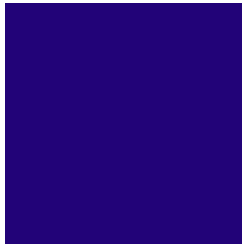
7D005C



FC00BA

Previews

White Background



This preview shows how the Hex color 220378 looks on a white background.

Color Contrast Check

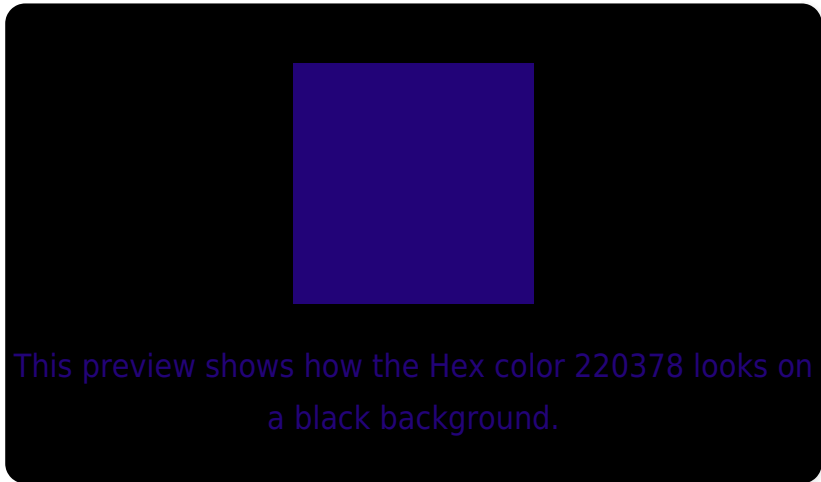
Large Text (above 18pt) WCAG AA ✓ Pass

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

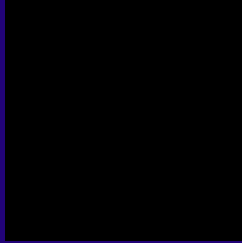
Any Text WCAG AA × Fail

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 220378 Background



This preview shows how black text looks on a background with the Hex color 220378.



This preview shows how white text looks on a background with the Hex color 220378.

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
220378

Protanopia
002650

Deuteranopia
002944

Trichromacy



Original Color
220378

Protanomaly
0C195F

Deuteranomaly
0C1B57

Tritanomaly
0C1D49

Monochromacy



Original Color
220378

Achromatopsia
1A1A1A

Achromatomaly
1D123C

CSS Examples

Text

The CSS property to change the color of the text to Hex 220378 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 #220378 looks like.

```
.text, #text, p{  
    color:#220378  
}
```

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 #220378 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220378
}
```

Border

The CSS property to change the border of an element to Hex 220378 is called "border". The border property can be set on classes, ids or directly on the HTML element.

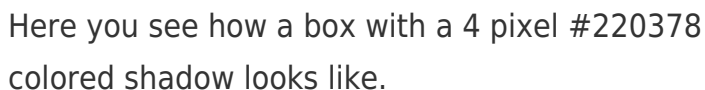
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#220378 }
```

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

```
.border{ border-color:#220378 }
```

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



Here you see how a box with a 4 pixel #220378 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220378; -webkit-box-shadow:4px 4px  
4px 4px #220378; box-shadow:4px 4px 4px  
4px #220378 }
```

Background

The CSS property to change the background color of an element to Hex 220378 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220378 }
```

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

```
.background{ background-color:#220378 }
```

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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