

Converting Colors

Hex(220710)

Have a look what the booklet for
Hex(220710) contains.

Hex(220710)	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(220710)

Conversions

Conversions Part 1

Format	Color
Hex	220710
RGB	34, 7, 16
RGB Percent	13%, 3%, 6%
CMY	0.8667, 0.9725, 0.9373
CMYK	0.00, 0.79, 0.53, 0.87
HSL	340°, 66%, 8%
HSV	340°, 79%, 13%
XYZ	0.8292, 0.5294, 0.5487
YIQ	16.0990, 13.2030, 8.5230

Conversions

Conversions Part 2

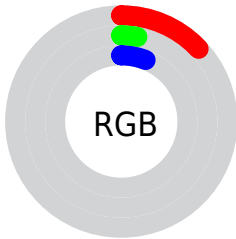
Format	Color
R _Y B	34, 7, 16
Decimal	2230032
CIE Lab	4.78, 13.35, 0.40
CIE LCh	5, 13.359, 1.704
Yxy	0.5294, 0.4347, 0.2776
Android (android.graphics.Color)	4280420112 (0xFF220710)
YUV	16.0990, -0.0488, 15.6992
Hunter-Lab	7.2763, 7.6078, 0.6224

Details

The Hex color **220710** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **072219**, and the grayscale version is **101010**.

A 20% lighter version of the original color is **4E333B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **22040E**, and if you desaturate by 10%, it is **220A12**.

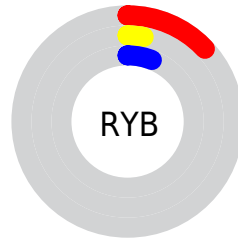
Distribution



Red (13%)

Green (3%)

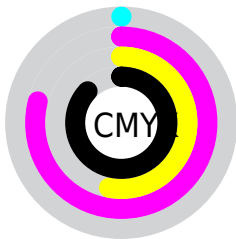
Blue (6%)



Red (13%)

Yellow (3%)

Blue (6%)

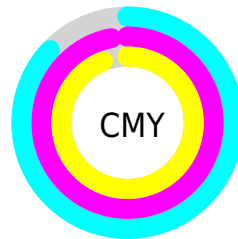


Cyan (0%)

Magenta (79%)

Yellow (53%)

Black (87%)



Cyan (87%)

Magenta (97%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220710 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 220710 by changing the saturation by 10% instead.

■ 220710

■ 220710

■ FFE7F0

■ 000000

■ 4E333B

■ 674A52

■ 80626A

■ 9A7B83

■ B5959D

■ D1B0B8

■ EDCBD3

■ 220710

■ 220710

■ 22040E

■ 220A12

■ 22000B

■ 220E15

■ 221117

■ 221519

■ 22181B

■ 221B1E

■ 221F20

■ 222222

■ 222624

Harmonies

Analogous

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



1D091A



220710



230801

Triad

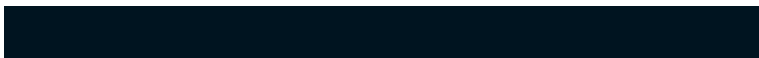
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



220710



091300



001420

Complementary

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



220710



072219

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.



00161A



220710



001601

Square

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



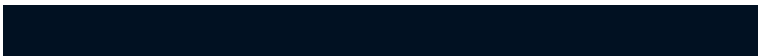
220710



161000



001711



011122

Rectangle

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



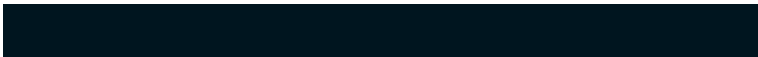
220710



200A00



001711



00151F

Sweetspot

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



220710



2B2124



190722



171013



969696



171717

Same Dimension

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



220710



2B0210



220C07



121011



52001B



D10046

Inverse Universe

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



220710



2B0210



071D22



121011



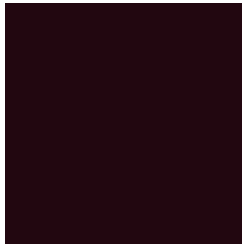
52001B



D10046

Previews

White Background



This preview shows how the Hex color 220710 looks on a white background.

Color Contrast Check

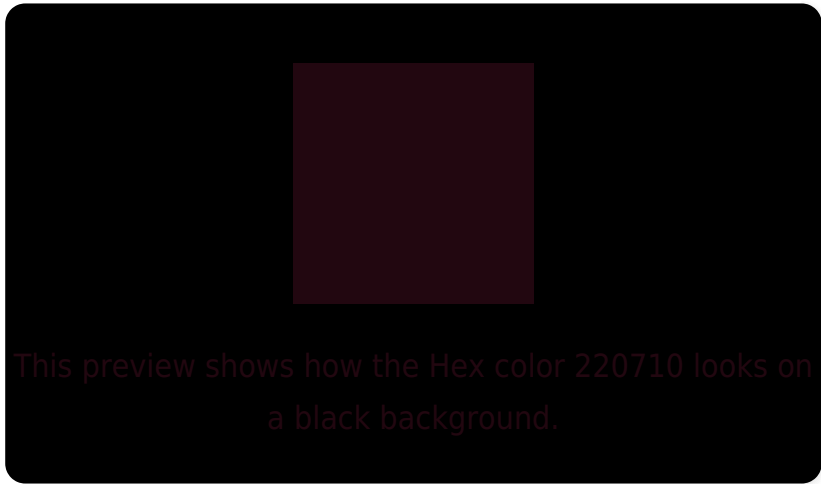
Large Text (above 18pt) WCAG AA ✓ Pass

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

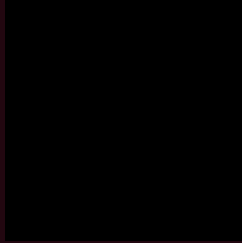
Any Text WCAG AA × Fail

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 220710 Background



This preview shows how black text looks on a background with the Hex color 220710.



This preview shows how white text looks on a background with the Hex color 220710.

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](#).

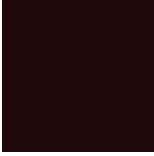
Dichromacy



Original Color
220710

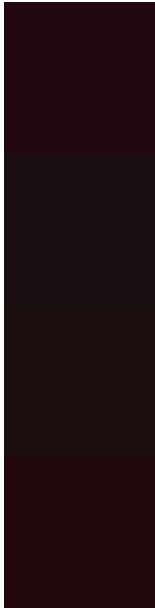
Protanopia
121216

Deuteranopia
15120F



Tritanopia
220909

Trichromacy



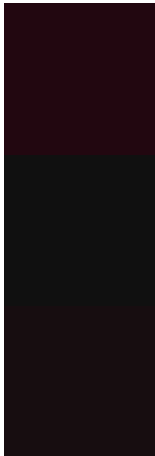
Original Color
220710

Protanomaly
180E14

Deuteranomaly
1A0E0F

Tritanomaly
22080C

Monochromacy



Original Color
220710

Achromatopsia
101010

Achromatomaly
170D10

CSS Examples

Text

The CSS property to change the color of the text to Hex 220710 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 #220710 looks like.

```
.text, #text, p{  
    color:#220710  
}
```

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 #220710 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220710
}
```

Border

The CSS property to change the border of an element to Hex 220710 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".

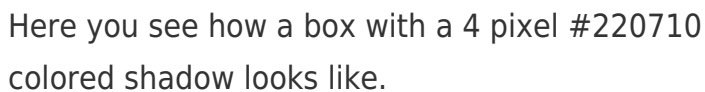
```
.border, #border, table{ border:4px solid
#220710 }
```

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

```
.border{ border-color:#220710 }
```

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

Here you see how a box with a 4 pixel #220710 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border and a thicker dark blue shadow on the right and bottom sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220710; -webkit-box-shadow:4px 4px  
4px 4px #220710; box-shadow:4px 4px 4px  
4px #220710 }
```

Background

The CSS property to change the background color of an element to Hex 220710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220710 }
```

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

```
.background{ background-color:#220710 }
```

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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