

Converting Colors

Hex(220732)

Have a look what the booklet for
Hex(220732) contains.

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Color

Hex(220732)

Conversions

Conversions Part 1

Format	Color
Hex	220732
RGB	34, 7, 50
RGB Percent	13%, 3%, 20%
CMY	0.8667, 0.9725, 0.8039
CMYK	0.32, 0.86, 0.00, 0.80
HSL	278°, 75%, 11%
HSV	278°, 86%, 20%
XYZ	1.3114, 0.7223, 3.0879
YIQ	19.9750, 2.2890, 19.0970

Conversions

Conversions Part 2

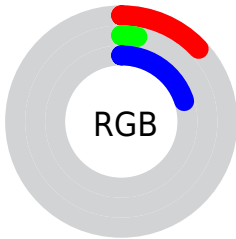
Format	Color
RYB	34, 7, 50
Decimal	2230066
CIELab	6.52, 22.83, -22.16
CIElCh	7, 31.815, 315.864
Yxy	0.7223, 0.2560, 0.1410
Android (android.graphics.Color)	4280420146 (0xFF220732)
YUV	19.9750, 14.8023, 12.2999
Hunter-Lab	8.4990, 12.6692, -15.5924

Details

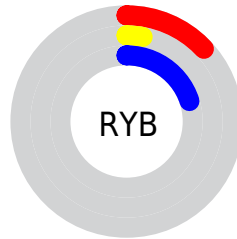
The Hex color **220732** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **173207**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **503361**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **200232**, and if you desaturate by 10%, it is **240C32**.

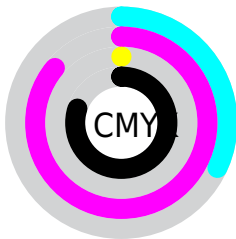
Distribution



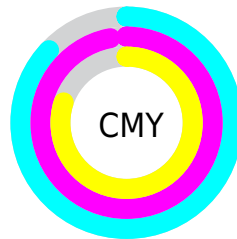
- Red (13%)
- Green (3%)
- Blue (20%)



- Red (13%)
- Yellow (3%)
- Blue (20%)



- Cyan (32%)
- Magenta (86%)
- Yellow (0%)
- Black (80%)



- Cyan (87%)
- Magenta (97%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 220732 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 220732 by changing the saturation by 10% instead.

■ 220732

■ 220732

■ FFE8FF

■ 02001D

■ 503361

■ 000000

■ 694A7A

■ 836294

■ 9D7BAE

■ B895CA

■ D4B0E6

■ F1CBFF

■ 220732

■ 220732

■ 200232

■ 240C32

■ 1F0032

■ 261132

■ 281632

■ 291B32

■ 2B2032

■ 2D2532

■ 2F2A32

■ 312F32

■ 333432

Harmonies

Analogous

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



00133D



220732



33001F

Triad

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



220732



241000



00201F

Complementary

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



220732



173207

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.



001F04



220732



0E1800

Square

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



220732



310300



001D00



001F32

Rectangle

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



220732



370010



001D00



001F18

Sweetspot

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



220732



3A2F40



071732



1D1721



A1A1A1



212121

Same Dimension

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



220732



280040



32072D



19171A



380059



8800D9

Inverse Universe

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



320717



400018



07320C



1A1718



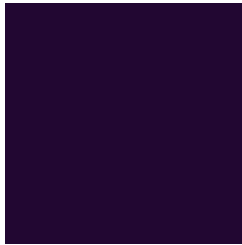
590021



D90051

Previews

White Background



This preview shows how the Hex color 220732 looks on a white background.

Color Contrast Check

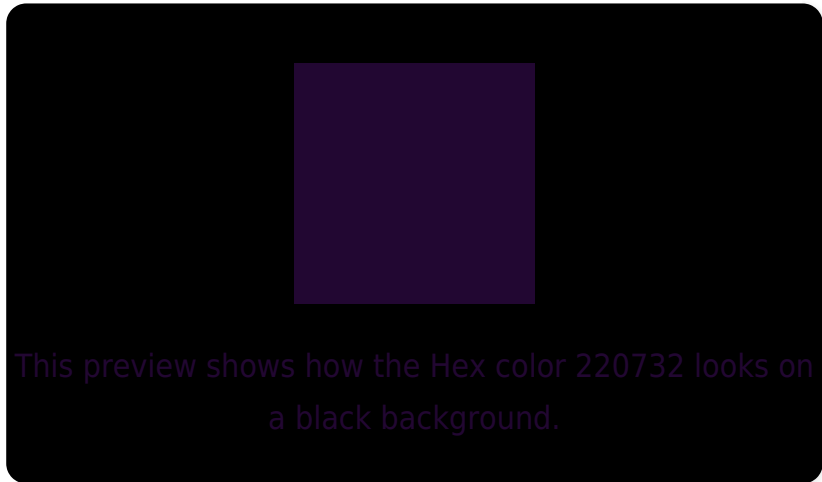
Large Text (above 18pt) WCAG AA ✓ Pass

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

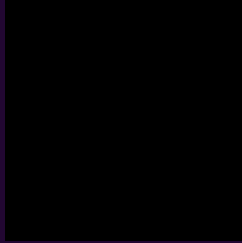
Any Text WCAG AA × Fail

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 220732 Background



This preview shows how black text looks on a background with the Hex color 220732.



This preview shows how white text looks on a background with the Hex color 220732.

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
220732

Protanopia
00162E

Deuteranopia
001728



Tritanopia
1D1416

Trichromacy



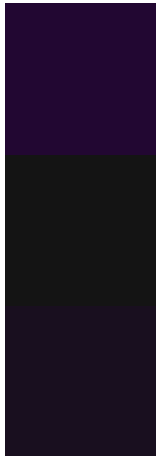
Original Color
220732

Protanomaly
0C112F

Deuteranomaly
0C112C

Tritanomaly
1F0F20

Monochromacy



Original Color
220732

Achromatopsia
141414

Achromatomaly
190F1F

CSS Examples

Text

The CSS property to change the color of the text to Hex 220732 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 #220732 looks like.

```
.text, #text, p{  
    color:#220732  
}
```

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 #220732 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #220732
}
```

Border

The CSS property to change the border of an element to Hex 220732 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
#220732 }
```

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

```
.border{ border-color:#220732 }
```

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

Here you see how a box with a 4 pixel #220732 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #220732; -webkit-box-shadow:4px 4px  
4px 4px #220732; box-shadow:4px 4px 4px  
4px #220732 }
```

Background

The CSS property to change the background color of an element to Hex 220732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#220732 }
```

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

```
.background{ background-color:#220732 }
```

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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