

Converting Colors

Hex(222144)

Have a look what the booklet for
Hex(222144) contains.

Hex(222144)	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(222144)

Conversions

Conversions Part 1

Format	Color
Hex	222144
RGB	34, 33, 68
RGB Percent	13%, 13%, 27%
CMY	0.8667, 0.8706, 0.7333
CMYK	0.50, 0.51, 0.00, 0.73
HSL	242°, 35%, 20%
HSV	242°, 51%, 27%
XYZ	2.2469, 1.8451, 5.7066
YIQ	37.2890, -10.6390, 11.0970

Conversions

Conversions Part 2

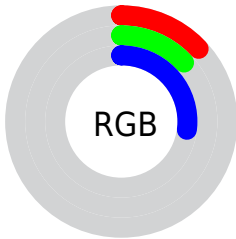
Format	Color
R_{YB}	34, 33, 68
Decimal	2236740
CIE Lab	14.65, 11.38, -22.00
CIE LCh	15, 24.765, 297.349
Yxy	1.8451, 0.2293, 0.1883
Android (android.graphics.Color)	4280426820 (0xFF222144)
YUV	37.2890, 15.1405, -2.8845
Hunter-Lab	13.5836, 5.7552, -15.3996

Details

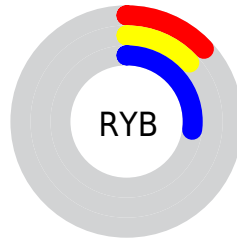
The Hex color **222144** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **434421**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **514D74**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **1B1A44**, and if you desaturate by 10%, it is **292844**.

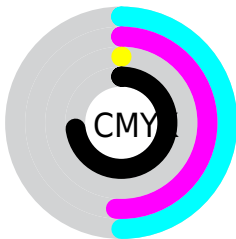
Distribution



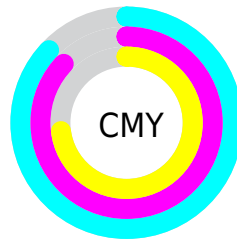
- Red (13%)
- Green (13%)
- Blue (27%)



- Red (13%)
- Yellow (13%)
- Blue (27%)



- Cyan (50%)
- Magenta (51%)
- Yellow (0%)
- Black (73%)



- Cyan (87%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222144 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 222144 by changing the saturation by 10% instead.

■ 222144

■ 222144

FFFFFF

■ 0D0B2E

■ 514D74

■ 000119

■ 6A658E

■ 000000

■ 837EA9

■ 9E98C4

■ B9B3E0

■ D5CEFD

■ F1EAFF

■ 222144

■ 222144

■ 1B1A44

■ 292844

■ 151344

■ 2F2F44

■ 0E0D44

■ 363544

■ 080644

■ 3C3C44

■ 020044

■ 434344

■ 4A4A44

■ 505144

■ 575744

■ 5D5E44

Harmonies

Analogous

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



002748



222144



381938

Triad

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



222144



3D1D03



002D23

Complementary

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



222144



434421

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.



052C11



222144



302300

Square

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



222144



441616



1F2900



002D34

Rectangle

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



222144



41152D



1F2900



002D1D

Sweetspot

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



222144



4C4C59



214344



26262E



ADADAD



2E2E2E

Same Dimension

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



222144



232259



332144



1E1E21



030061



0600E0

Inverse Universe

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



442143



592258



324421



211E21



61005E



E000DA

Previews

White Background



This preview shows how the Hex color 222144 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

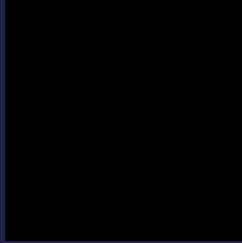
Any Text WCAG AA × Fail

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 222144 Background



This preview shows how black text looks on a background with the Hex color 222144.



This preview shows how white text looks on a background with the Hex color 222144.

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
222144

Protanopia
112447

Deuteranopia
052643



Tritanopia
1A272A

Trichromacy



Original Color

222144

Protanomaly

172346

Deuteranomaly

102443

Tritanomaly

1D2533

Monochromacy



Original Color

222144

Achromatopsia

252525

Achromatomaly

242430

CSS Examples

Text

The CSS property to change the color of the text to Hex 222144 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 #222144 looks like.

```
.text, #text, p{  
    color:#222144  
}
```

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 #222144 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222144
}
```

Border

The CSS property to change the border of an element to Hex 222144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

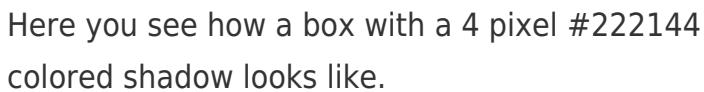
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222144 }
```

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

```
.border{ border-color:#222144 }
```

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



Here you see how a box with a 4 pixel #222144 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222144; -webkit-box-shadow:4px 4px  
4px 4px #222144; box-shadow:4px 4px 4px  
4px #222144 }
```

Background

The CSS property to change the background color of an element to Hex 222144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222144 }
```

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

```
.background{ background-color:#222144 }
```

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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