

Converting Colors

Hex(222334)

Have a look what the booklet for
Hex(222334) contains.

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Color

Hex(222334)

Conversions

Conversions Part 1

Format	Color
Hex	222334
RGB	34, 35, 52
RGB Percent	13%, 14%, 20%
CMY	0.8667, 0.8627, 0.7961
CMYK	0.35, 0.33, 0.00, 0.80
HSL	237°, 21%, 17%
HSV	237°, 35%, 20%
XYZ	1.8806, 1.7901, 3.4952
YIQ	36.6390, -6.0530, 5.0750

Conversions

Conversions Part 2

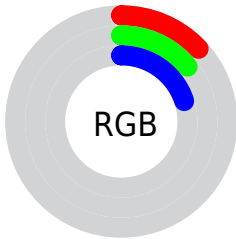
Format	Color
RYB	34, 35, 52
Decimal	2237236
CIELab	14.34, 4.44, -11.24
CIELCh	14, 12.088, 291.539
Yxy	1.7901, 0.2624, 0.2498
Android (android.graphics.Color)	4280427316 (0xFF222334)
YUV	36.6390, 7.5730, -2.3144
Hunter-Lab	13.3794, 1.6753, -6.1233

Details

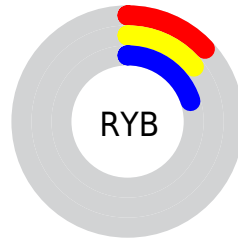
The Hex color **222334** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **343322**, and the grayscale version is **252525**.

A 20% lighter version of the original color is **4F4F63**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **1D1E34**, and if you desaturate by 10%, it is **272834**.

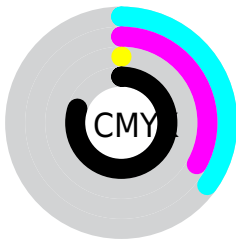
Distribution



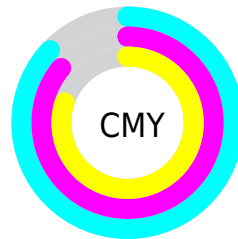
- Red (13%)
- Green (14%)
- Blue (20%)



- Red (13%)
- Yellow (14%)
- Blue (20%)



- Cyan (35%)
- Magenta (33%)
- Yellow (0%)
- Black (80%)



- Cyan (87%)
- Magenta (86%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222334 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 222334 by changing the saturation by 10% instead.

■ 222334

■ 222334

FFFFFF

■ 0D0D1F

■ 4F4F63

■ 000004

■ 67677B

■ 000000

■ 808095

■ 9A9AB0

■ B5B5CB

■ D1D1E8

■ EDEDFF

■ 222334

■ 222334

■ 1D1E34

■ 272834

■ 181934

■ 2C2D34

■ 121434

■ 323234

■ 0D0F34

■ 373734

■ 080A34

■ 3C3C34

■ 030634

■ 414034

■ 000334

■ 464534

■ 4C4A34

■ 514F34

Harmonies

Analogous

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



152635



222334



2D202F

Triad

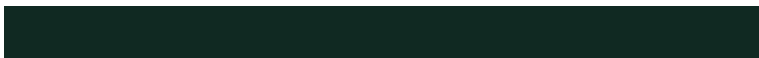
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222334



322017



102922

Complementary

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



222334



343322

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.



1A281A



222334



2C2314

Square

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



222334



351E1F



242614



07292A

Rectangle

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



222334



321F2A



242614



13291F

Sweetspot

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



222334



3E3E45



223433



1F2024



A3A3A3



242424

Same Dimension

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



222334



282A45



2A2234



17171A



000559



000CD9

Inverse Universe

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



342223



45282A



2C3422



1A1717



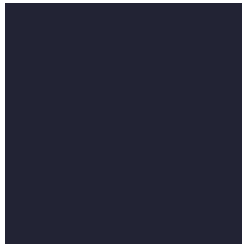
590005



D9000C

Previews

White Background



This preview shows how the Hex color 222334 looks on a white background.

Color Contrast Check

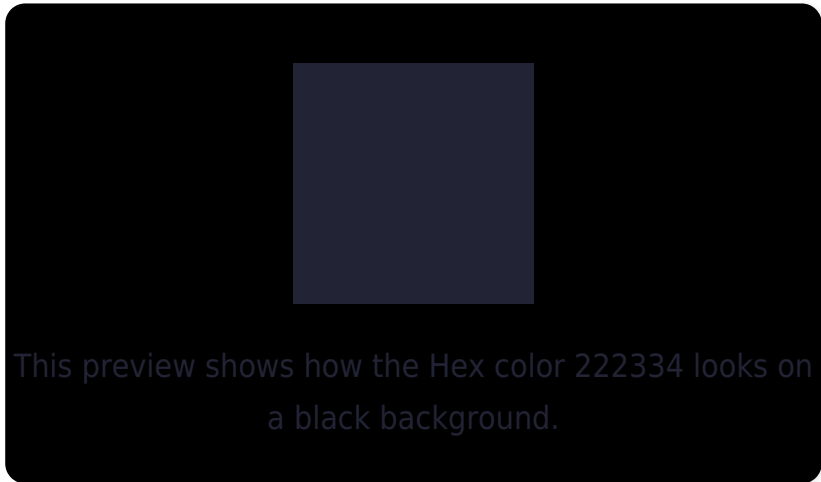
Large Text (above 18pt) WCAG AA ✓ Pass

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

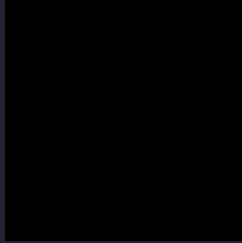
Any Text WCAG AA × Fail

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 222334 Background



This preview shows how black text looks on a background with the Hex color 222334.

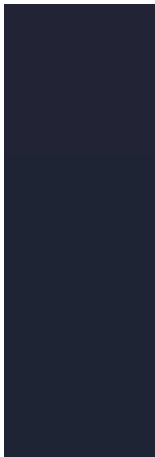


This preview shows how white text looks on a background with the Hex color 222334.

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
222334

Protanopia
1F2435

Deuteranopia
1F2434



Tritanopia
1F2528

Trichromacy



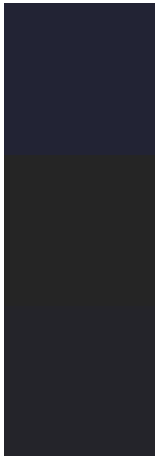
Original Color
222334

Protanomaly
202435

Deuteranomaly
202434

Tritanomaly
20242C

Monochromacy



Original Color
222334

Achromatopsia
252525

Achromatomaly
24242A

CSS Examples

Text

The CSS property to change the color of the text to Hex 222334 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 #222334 looks like.

```
.text, #text, p{  
    color:#222334  
}
```

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 #222334 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222334
}
```

Border

The CSS property to change the border of an element to Hex 222334 is called "border". The border property can be set on classes, ids or directly on the HTML element.

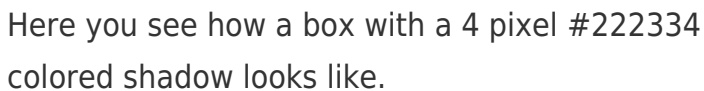
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222334 }
```

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

```
.border{ border-color:#222334 }
```

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



Here you see how a box with a 4 pixel #222334 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222334; -webkit-box-shadow:4px 4px  
4px 4px #222334; box-shadow:4px 4px 4px  
4px #222334 }
```

Background

The CSS property to change the background color of an element to Hex 222334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222334 }
```

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

```
.background{ background-color:#222334 }
```

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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