

Converting Colors

Hex(222031)

Have a look what the booklet for
Hex(222031) contains.

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Color

Hex(222031)

Conversions

Conversions Part 1

Format	Color
Hex	222031
RGB	34, 32, 49
RGB Percent	13%, 13%, 19%
CMY	0.8667, 0.8745, 0.8078
CMYK	0.31, 0.35, 0.00, 0.81
HSL	247°, 21%, 16%
HSV	247°, 35%, 19%
XYZ	1.7306, 1.5949, 3.1224
YIQ	34.5360, -4.2650, 5.7110

Conversions

Conversions Part 2

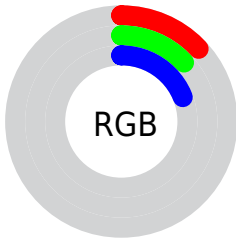
Format	Color
RYB	34, 32, 49
Decimal	2236465
CIELab	13.20, 5.68, -10.87
CIELCh	13, 12.269, 297.588
Yxy	1.5949, 0.2684, 0.2473
Android (android.graphics.Color)	4280426545 (0xFF222031)
YUV	34.5360, 7.1308, -0.4701
Hunter-Lab	12.6288, 2.3603, -5.8188

Details

The Hex color **222031** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2F3120**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **4F4C5F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **1E1B31**, and if you desaturate by 10%, it is **262531**.

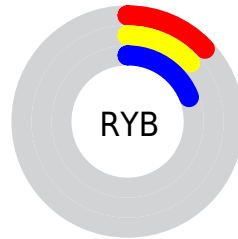
Distribution



Red (13%)

Green (13%)

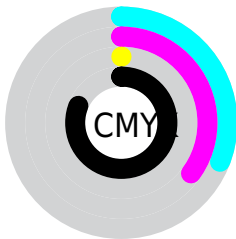
Blue (19%)



Red (13%)

Yellow (13%)

Blue (19%)

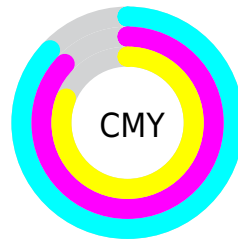


Cyan (31%)

Magenta (35%)

Yellow (0%)

Black (81%)



Cyan (87%)

Magenta (87%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222031 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 222031 by changing the saturation by 10% instead.

■ 222031

■ 222031

FFFFFF

■ 0D081C

■ 4F4C5F

■ 000000

■ 676478

■ 807D92

■ 9A96AC

■ B5B1C8

■ D1CDE4

■ EDE9FF

■ 222031

■ 222031

■ 1E1B31

■ 262531

■ 191631

■ 2B2A31

■ 151131

■ 2F2F31

■ 110C31

■ 333431

■ 0C0731

■ 383931

■ 080331

■ 3C3D31

■ 060031

■ 404231

■ 454731

■ 494C31

Harmonies

Analogous

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



152333



222031



2C1D2B

Triad

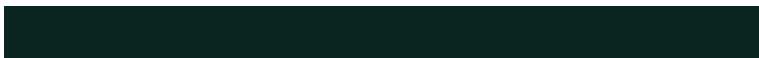
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



222031



2F1E14



0B2621

Complementary

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



222031



2F3120

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.



162619



222031



282110

Square

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



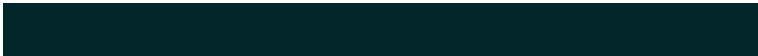
222031



321C1B



202412



03262A

Rectangle

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



222031



301C26



202412



0E261E

Sweetspot

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



222031



3A3940



202F31



1E1D21



A1A1A1



212121

Same Dimension

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



222031



282540



2A2031



17171A



0A0059



1900D9

Inverse Universe

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



31202F



40253D



273120



1A1719



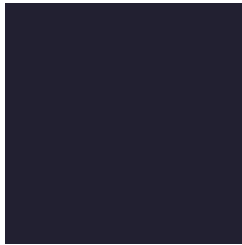
59004F



D900BF

Previews

White Background



This preview shows how the Hex color 222031 looks on a white background.

Color Contrast Check

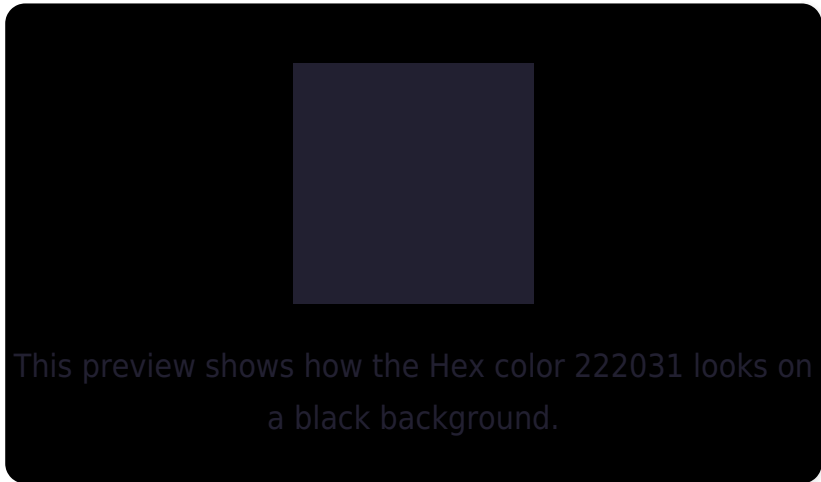
Large Text (above 18pt) WCAG AA ✓ Pass

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

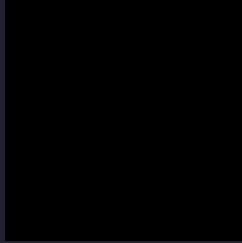
Any Text WCAG AA × Fail

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 222031 Background



This preview shows how black text looks on a background with the Hex color 222031.

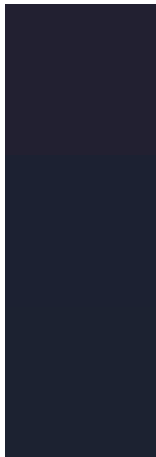


This preview shows how white text looks on a background with the Hex color 222031.

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
222031

Protanopia
1C2132

Deuteranopia
1C2231

Trichromacy



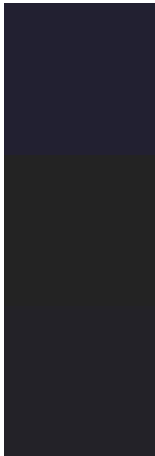
Original Color
222031

Protanomaly
1E2132

Deuteranomaly
1E2131

Tritanomaly
212129

Monochromacy



Original Color
222031

Achromatopsia
232323

Achromatomaly
232228

CSS Examples

Text

The CSS property to change the color of the text to Hex 222031 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 #222031 looks like.

```
.text, #text, p{  
    color:#222031  
}
```

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 #222031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222031
}
```

Border

The CSS property to change the border of an element to Hex 222031 is called "border". The border property can be set on classes, ids or directly on the HTML element.

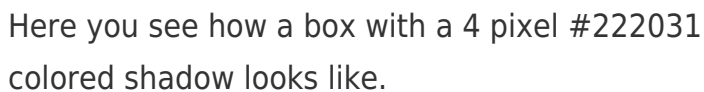
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222031 }
```

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

```
.border{ border-color:#222031 }
```

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



Here you see how a box with a 4 pixel #222031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222031; -webkit-box-shadow:4px 4px  
4px 4px #222031; box-shadow:4px 4px 4px  
4px #222031 }
```

Background

The CSS property to change the background color of an element to Hex 222031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222031 }
```

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

```
.background{ background-color:#222031 }
```

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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