

Converting Colors

Hex(222534)

Have a look what the booklet for
Hex(222534) contains.

Hex(222534)	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(222534)

Conversions

Conversions Part 1

Format	Color
Hex	222534
RGB	34, 37, 52
RGB Percent	13%, 15%, 20%
CMY	0.8667, 0.8549, 0.7961
CMYK	0.35, 0.29, 0.00, 0.80
HSL	230°, 21%, 17%
HSV	230°, 35%, 20%
XYZ	1.9411, 1.9112, 3.5154
YIQ	37.8130, -6.6030, 4.0290

Conversions

Conversions Part 2

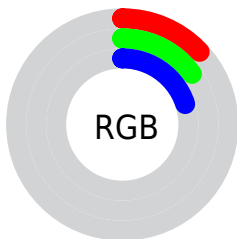
Format	Color
RYB	34, 37, 52
Decimal	2237748
CIELab	15.01, 2.99, -10.21
CIELCh	15, 10.641, 286.315
Yxy	1.9112, 0.2635, 0.2594
Android (android.graphics.Color)	4280427828 (0xFF222534)
YUV	37.8130, 6.9942, -3.3440
Hunter-Lab	13.8244, 0.8704, -5.3997

Details

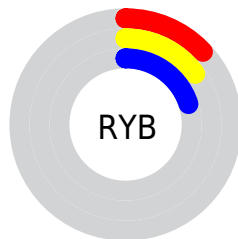
The Hex color **222534** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **343122**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **4F5162**, and **000004** is the 20% darker color. If you saturate the color by 10%, you get **1D2134**, and if you desaturate by 10%, it is **272934**.

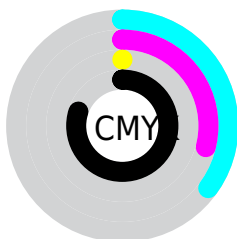
Distribution



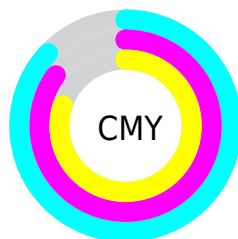
- Red (13%)
- Green (15%)
- Blue (20%)



- Red (13%)
- Yellow (15%)
- Blue (20%)



- Cyan (35%)
- Magenta (29%)
- Yellow (0%)
- Black (80%)



- Cyan (87%)
- Magenta (85%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222534 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 222534 by changing the saturation by 10% instead.

■ 222534

■ 222534

FFFFFF

■ 0D101F

■ 4F5162

■ 000004

■ 676A7B

■ 000000

■ 808395

■ 9A9DB0

■ B5B8CB

■ D1D3E7

■ EDF0FF

■ 222534

■ 222534

■ 1D2134

■ 272934

■ 181C34

■ 2C2E34

■ 121834

■ 323234

■ 0D1434

■ 373634

■ 080F34

■ 3C3B34

■ 030B34

■ 413F34

■ 000934

■ 464334

■ 4C4834

■ 514C34

Harmonies

Analogous

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



172734



222534



2C2230

Triad

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



222534



33221B



162A22

Complementary

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



222534



343122

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.



1E281B



222534



2E2417

Square

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



222534



352022



272717



0F2A2A

Rectangle

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



222534



31212C



272717



19291F

Sweetspot

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



222534



3E3F45



223431



1F2024



A3A3A3



242424

Same Dimension

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



222534



282D45



282234



17171A



000F59



0024D9

Inverse Universe

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



342225



45282D



2E3422



1A1717



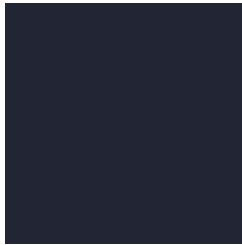
59000F



D90024

Previews

White Background



This preview shows how the Hex color 222534 looks on a white background.

Color Contrast Check

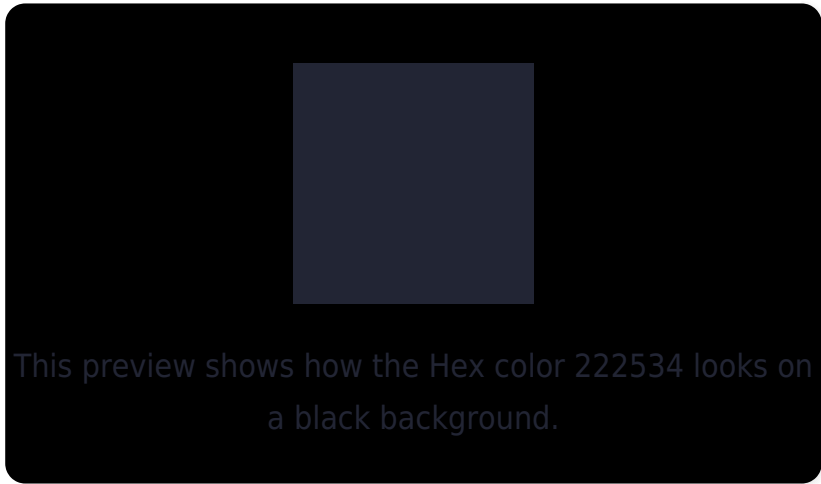
Large Text (above 18pt) WCAG AA ✓ Pass

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

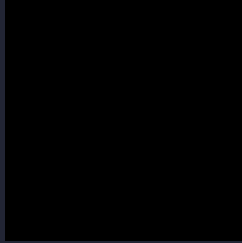
Any Text WCAG AA × Fail

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 222534 Background



This preview shows how black text looks on a background with the Hex color 222534.



This preview shows how white text looks on a background with the Hex color 222534.

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
222534

Protanopia
212534

Deuteranopia
212534

Trichromacy



Original Color
222534

Protanomaly
212534

Deuteranomaly
212534

Tritanomaly
21262E

Monochromacy



Original Color
222534

Achromatopsia
262626

Achromatomaly
25262B

CSS Examples

Text

The CSS property to change the color of the text to Hex 222534 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 #222534 looks like.

```
.text, #text, p{  
    color:#222534  
}
```

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 #222534 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222534
}
```

Border

The CSS property to change the border of an element to Hex 222534 is called "border". The border property can be set on classes, ids or directly on the HTML element.

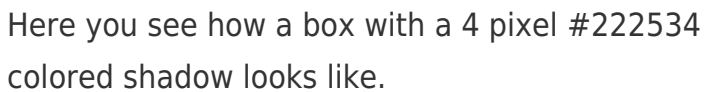
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#222534 }
```

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

```
.border{ border-color:#222534 }
```

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



Here you see how a box with a 4 pixel #222534 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222534; -webkit-box-shadow:4px 4px  
4px 4px #222534; box-shadow:4px 4px 4px  
4px #222534 }
```

Background

The CSS property to change the background color of an element to Hex 222534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222534 }
```

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

```
.background{ background-color:#222534 }
```

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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