

Converting Colors

Hex(222E51)

Have a look what the booklet for
Hex(222E51) contains.

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Color

Hex(222E51)

Conversions

Conversions Part 1

Format	Color
Hex	222E51
RGB	34, 46, 81
RGB Percent	13%, 18%, 32%
CMY	0.8667, 0.8196, 0.6824
CMYK	0.58, 0.43, 0.00, 0.68
HSL	225°, 41%, 23%
HSV	225°, 58%, 32%
XYZ	3.1219, 2.8882, 8.1775
YIQ	46.4020, -18.3870, 8.3410

Conversions

Conversions Part 2

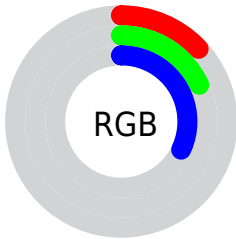
Format	Color
R_{YB}	34, 44, 81
Decimal	2240081
CIE Lab	19.59, 6.72, -23.02
CIE LCh	20, 23.980, 286.274
Yxy	2.8882, 0.2200, 0.2036
Android (android.graphics.Color)	4280430161 (0xFF222E51)
YUV	46.4020, 17.0568, -10.8766
Hunter-Lab	16.9946, 3.0498, -16.6332

Details

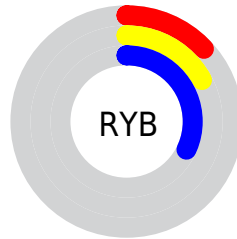
The Hex color **222E51** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **514522**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **525B83**, and **000024** is the 20% darker color. If you saturate the color by 10%, you get **1A2851**, and if you desaturate by 10%, it is **2A3451**.

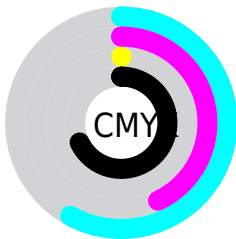
Distribution



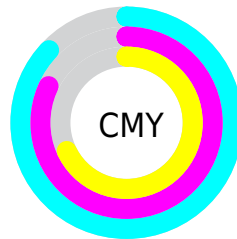
- Red (13%)
- Green (18%)
- Blue (32%)



- Red (13%)
- Yellow (17%)
- Blue (32%)



- Cyan (58%)
- Magenta (43%)
- Yellow (0%)
- Black (68%)



- Cyan (87%)
- Magenta (82%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222E51 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 222E51 by changing the saturation by 10% instead.

■ 222E51

■ 222E51

FFFFFF

■ 081A3A

■ 525B83

■ 000024

■ 6B749D

■ 00000C

■ 858EB8

■ 000000

■ A0A8D3

■ BBC3F0

■ D7DFFF

■ F4FCFF

■ 222E51

■ 222E51

■ 1A2851

■ 2A3451

■ 122251

■ 323A51

■ 0A1C51

■ 3A4051

■ 021651

■ 424651

■ 001551

■ 4A4C51

■ 535251

■ 5B5851

■ 635E51

■ 6B6451

Harmonies

Analogous

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



003451



222E51



3D2748

Triad

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



222E51



4B2517



003827

Complementary

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



222E51



514522

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.



1C3516



222E51



402C0C

Square

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



222E51



502027



30310B



003839

Rectangle

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



222E51



48233E



30310B



073721

Sweetspot

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



222E51



575B69



225144



2B2E36



B5B5B5



363636

Same Dimension

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



222E51



1F3269



2D2251



252629



001B69



003BE8

Inverse Universe

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



51222E



691F32



465122



292526



69001B



E8003B

Previews

White Background



This preview shows how the Hex color 222E51 looks on a white background.

Color Contrast Check

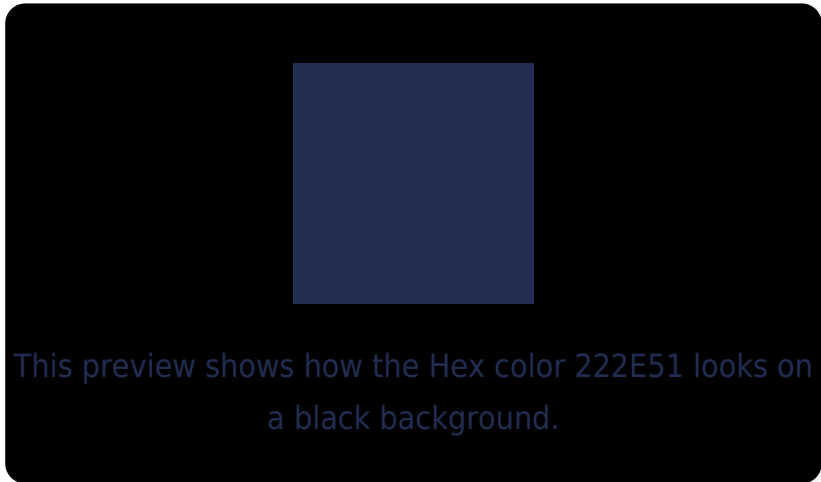
Large Text (above 18pt) WCAG AA ✓ Pass

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 222E51 Background



This preview shows how black text looks on a background with the Hex color 222E51.



This preview shows how white text looks on a background with the Hex color 222E51.

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](#).

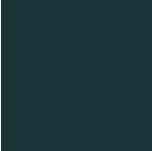
Dichromacy



Original Color
222E51

Protanopia
202E51

Deuteranopia
183051



Tritanopia
183438

Trichromacy



Original Color
222E51

Protanomaly
212E51

Deuteranomaly
1C2F51

Tritanomaly
1C3241

Monochromacy



Original Color
222E51

Achromatopsia
2E2E2E

Achromatomaly
2A2E3B

CSS Examples

Text

The CSS property to change the color of the text to Hex 222E51 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 #222E51 looks like.

```
.text, #text, p{  
    color:#222E51  
}
```

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 #222E51 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222E51  
}
```

Border

The CSS property to change the border of an element to Hex 222E51 is called "border". The border property can be set on classes, ids or directly on the HTML element.

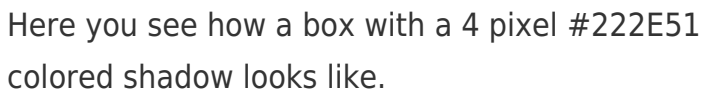
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#222E51 }
```

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

```
.border{ border-color:#222E51 }
```

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



Here you see how a box with a 4 pixel #222E51 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222E51; -webkit-box-shadow:4px 4px  
4px 4px #222E51; box-shadow:4px 4px 4px  
4px #222E51 }
```

Background

The CSS property to change the background color of an element to Hex 222E51 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222E51 }
```

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

```
.background{ background-color:#222E51 }
```

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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