

Converting Colors

Hex(222E62)

Have a look what the booklet for
Hex(222E62) contains.

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Color

Hex(222E62)

Conversions

Conversions Part 1

Format	Color
Hex	222E62
RGB	34, 46, 98
RGB Percent	13%, 18%, 38%
CMY	0.8667, 0.8196, 0.6157
CMYK	0.65, 0.53, 0.00, 0.62
HSL	229°, 48%, 26%
HSV	229°, 65%, 38%
XYZ	3.8413, 3.1759, 11.9658
YIQ	48.3400, -23.8440, 13.6280

Conversions

Conversions Part 2

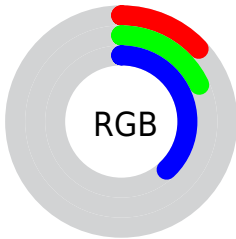
Format	Color
RYB	34, 44, 98
Decimal	2240098
CIELab	20.74, 13.25, -32.46
CIELCh	21, 35.060, 292.197
Yxy	3.1759, 0.2024, 0.1673
Android (android.graphics.Color)	4280430178 (0xFF222E62)
YUV	48.3400, 24.4824, -12.5762
Hunter-Lab	17.8211, 7.2883, -27.3350

Details

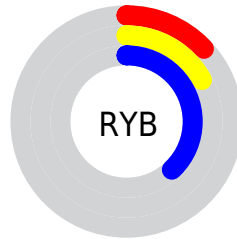
The Hex color **222E62** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **625622**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **565B95**, and **000033** is the 20% darker color. If you saturate the color by 10%, you get **182662**, and if you desaturate by 10%, it is **2C3662**.

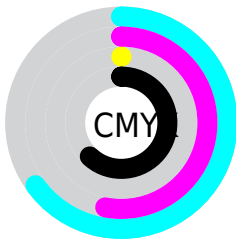
Distribution



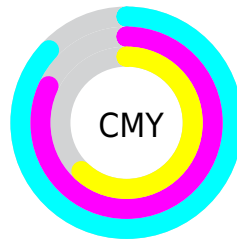
- Red (13%)
- Green (18%)
- Blue (38%)



- Red (13%)
- Yellow (17%)
- Blue (38%)



- Cyan (65%)
- Magenta (53%)
- Yellow (0%)
- Black (62%)



- Cyan (87%)
- Magenta (82%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 222E62 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 222E62 by changing the saturation by 10% instead.

■ 222E62

■ 222E62

FFFFFF

■ 021A4A

■ 565B95

■ 000033

■ 7074B0

■ 00021D

■ 8A8DCC

■ 000000

■ A5A8E8

■ C1C3FF

■ DDDFFF

■ FBFCFF

■ 222E62

■ 222E62

■ 182662

■ 2C3662

■ 0E1E62

■ 363E62

■ 051662

■ 3F4662

■ 001262

■ 494E62

■ 535662

■ 5D5E62

■ 676662

■ 706E62

■ 7A7662

Harmonies

Analogous

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



003765



222E62



4A2152

Triad

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



222E62



552306



003D2A

Complementary

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



222E62



625622

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.



043B10



222E62



442E00

Square

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



222E62



5F1820



2C3600



003E45

Rectangle

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



222E62



581942



2C3600



003D21

Sweetspot

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



222E62



666B80



226255



303340



BFBFBF



404040

Same Dimension

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



222E62



1C2F80



352262



2C2D30



001570



002DF0

Inverse Universe

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



62222E



801C2F



4F6222



302C2D



700015



F0002D

Previews

White Background



This preview shows how the Hex color 222E62 looks on a white background.

Color Contrast Check

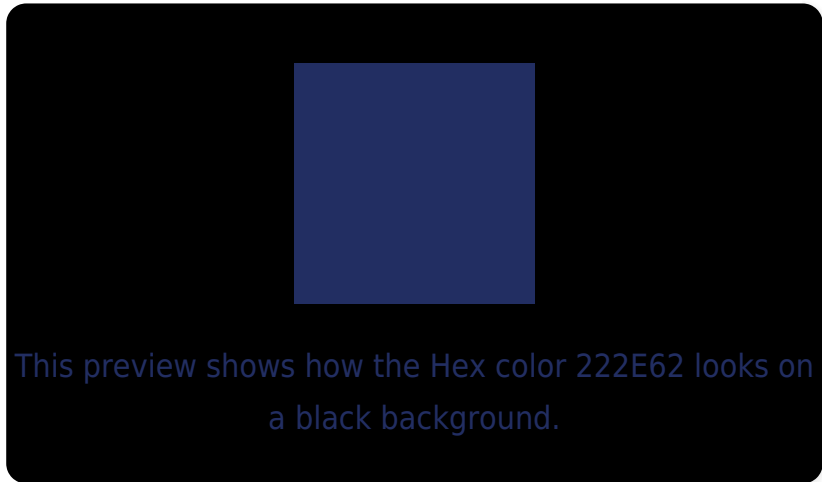
Large Text (above 18pt) WCAG AA ✓ Pass

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

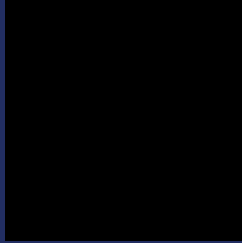
Any Text WCAG AA × Fail

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 222E62 Background



This preview shows how black text looks on a background with the Hex color 222E62.



This preview shows how white text looks on a background with the Hex color 222E62.

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
222E62

Protanopia
0E3064

Deuteranopia
003359



Tritanopia
05373C

Trichromacy



Original Color
222E62

Protanomaly
152F63

Deuteranomaly
0C315C

Tritanomaly
10344A

Monochromacy



Original Color
222E62

Achromatopsia
303030

Achromatomaly
2B2F42

CSS Examples

Text

The CSS property to change the color of the text to Hex 222E62 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 #222E62 looks like.

```
.text, #text, p{  
    color:#222E62  
}
```

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 #222E62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #222E62
}
```

Border

The CSS property to change the border of an element to Hex 222E62 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
#222E62 }
```

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

```
.border{ border-color:#222E62 }
```

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

Here you see how a box with a 4 pixel #222E62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #222E62; -webkit-box-shadow:4px 4px  
4px 4px #222E62; box-shadow:4px 4px 4px  
4px #222E62 }
```

Background

The CSS property to change the background color of an element to Hex 222E62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#222E62 }
```

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

```
.background{ background-color:#222E62 }
```

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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