

Converting Colors

Hex(224E72)

Have a look what the booklet for
Hex(224E72) contains.

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Color

Hex(224E72)

Conversions

Conversions Part 1

Format	Color
Hex	224E72
RGB	34, 78, 114
RGB Percent	13%, 31%, 45%
CMY	0.8667, 0.6941, 0.5529
CMYK	0.70, 0.32, 0.00, 0.55
HSL	207°, 54%, 29%
HSV	207°, 70%, 45%
XYZ	6.4213, 7.0038, 16.9330
YIQ	68.9480, -37.7800, 1.8680

Conversions

Conversions Part 2

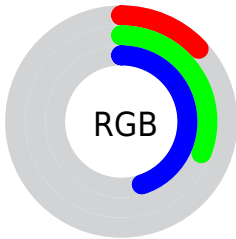
Format	Color
RYB	34, 62, 114
Decimal	2248306
CIELab	31.82, -2.46, -25.11
CIElCh	32, 25.232, 264.405
Yxy	7.0038, 0.2115, 0.2307
Android (android.graphics.Color)	4280438386 (0xFF224E72)
YUV	68.9480, 22.2106, -30.6494
Hunter-Lab	26.4646, -3.0021, -19.4106




Details

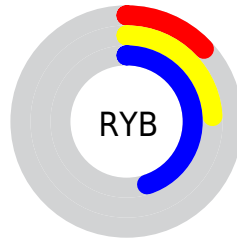
The Hex color **224E72** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **724622**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **587FA6**, and **002242** is the 20% darker color. If you saturate the color by 10%, you get **174972**, and if you desaturate by 10%, it is **2D5372**.

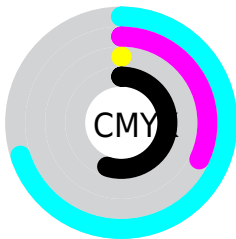
Distribution







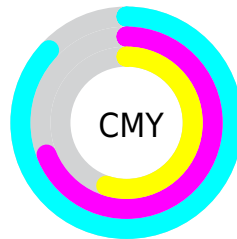
-  Red (13%)
-  Green (31%)
-  Blue (45%)






-  Red (13%)
-  Yellow (24%)
-  Blue (45%)



-  Cyan (70%)
-  Magenta (32%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (87%)
-  Magenta (69%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 224E72 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 224E72 by changing the saturation by 10% instead.

■ 224E72

■ 224E72

FFFFFF

■ 003759

■ 587FA6

■ 002242

■ 7399C1

■ 000B2C

■ 8EB3DD

■ 000116

■ A9CFFA

■ 000000

■ C6EBFF

■ E2FFFF

■ 224E72

■ 224E72

■ 174972

■ 2D5372

■ 0B4472

■ 395872

■ 003F72

■ 445D72

■ 506372

■ 5B6872

■ 666D72

■ 727272

■ 7D7772

■ 897C72

Harmonies

Analogous

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



00536B



224E72



47476F

Triad

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



224E72



703C3C



2F5333

Complementary

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



224E72



724622

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.



474F26



224E72



69412B

Square

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



224E72



6E3B4F



5A4823



0C5546

Rectangle

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



224E72



594267



5A4823



38522E

Sweetspot

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



224E72



758694



227246



37424A



C9C9C9



4A4A4A

Same Dimension

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



224E72



185C94



222672



323638



004278



0088F7

Inverse Universe

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



72224E



94185C



726E22



383236



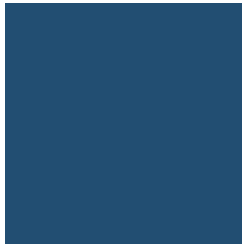
780042



F70088

Previews

White Background



This preview shows how the Hex color 224E72 looks on a white background.

Color Contrast Check

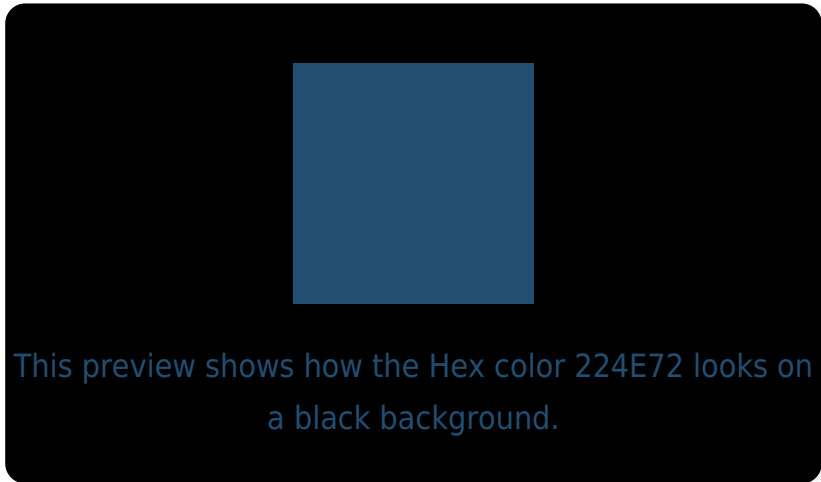
Large Text (above 18pt) WCAG AA ✓ Pass

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

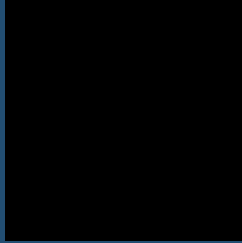
Any Text WCAG AA × Fail

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 224E72 Background



This preview shows how black text looks on a background with the Hex color 224E72.



This preview shows how white text looks on a background with the Hex color 224E72.

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](#).

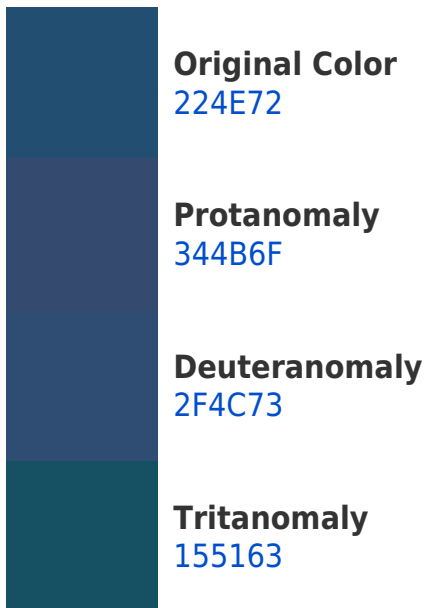
Dichromacy



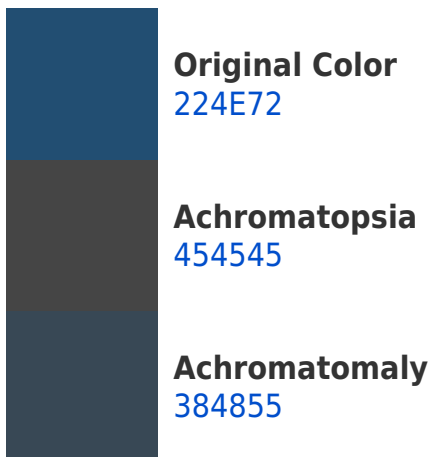


Tritanopia
0E535A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 224E72 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 #224E72 looks like.

```
.text, #text, p{  
    color:#224E72  
}
```

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 #224E72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #224E72
}
```

Border

The CSS property to change the border of an element to Hex 224E72 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
#224E72 }
```

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

```
.border{ border-color:#224E72 }
```

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

Here you see how a box with a 4 pixel #224E72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #224E72; -webkit-box-shadow:4px 4px  
4px 4px #224E72; box-shadow:4px 4px 4px  
4px #224E72 }
```

Background

The CSS property to change the background color of an element to Hex 224E72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#224E72 }
```

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

```
.background{ background-color:#224E72 }
```

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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