

Converting Colors

Hex(223E76)

Have a look what the booklet for
Hex(223E76) contains.

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Color

Hex(223E76)

Conversions

Conversions Part 1

Format	Color
Hex	223E76
RGB	34, 62, 118
RGB Percent	13%, 24%, 46%
CMY	0.8667, 0.7569, 0.5373
CMYK	0.71, 0.47, 0.00, 0.54
HSL	220°, 55%, 30%
HSV	220°, 71%, 46%
XYZ	5.6523, 5.0933, 17.8247
YIQ	60.0120, -34.6640, 11.4800

Conversions

Conversions Part 2

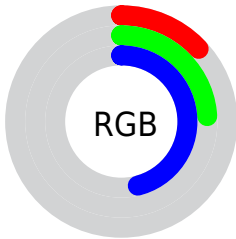
Format	Color
R_{YB}	34, 55, 118
Decimal	2244214
CIE Lab	27.00, 9.82, -35.27
CIE LCh	27, 36.615, 285.562
Yxy	5.0933, 0.1978, 0.1783
Android (android.graphics.Color)	4280434294 (0xFF223E76)
YUV	60.0120, 28.5881, -22.8125
Hunter-Lab	22.5684, 5.2111, -31.0299




Details

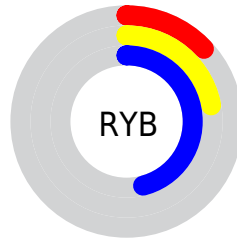
The Hex color **223E76** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **765A22**, and the grayscale version is **3C3C3C**.




A 20% lighter version of the original color is **596DAB**, and **001545** is the 20% darker color. If you saturate the color by 10%, you get **163676**, and if you desaturate by 10%, it is **2E4676**.

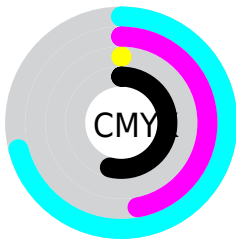
Distribution







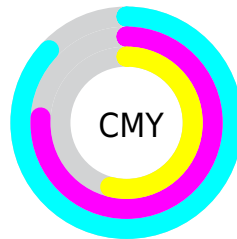
-  Red (13%)
-  Green (24%)
-  Blue (46%)






-  Red (13%)
-  Yellow (22%)
-  Blue (46%)



-  Cyan (71%)
-  Magenta (47%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (87%)
-  Magenta (76%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223E76 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 223E76 by changing the saturation by 10% instead.

■ 223E76

■ 223E76

FFFFFF

■ 00295D

■ 596DAB

■ 001545

■ 7486C6

■ 00042E

■ 8FA0E2

■ 000119

■ ABBBFF

■ 000000

■ C7D7FF

■ E4F3FF

■ 223E76

■ 223E76

■ 163676

■ 2E4676

■ 0A2E76

■ 3A4E76

■ 002776

■ 455676

■ 515D76

■ 5D6576

■ 696D76

■ 757576

■ 807D76

■ 8C8576

Harmonies

Analogous

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



004776



223E76



533267

Triad

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



223E76



6B2E19



004C31

Complementary

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



223E76



765A22

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.



1F4915



223E76



593A03

Square

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



223E76



722432



404301



004D4E

Rectangle

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



223E76



652957



404301



004B27

Sweetspot

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



223E76



798499



22765A



39404D



CCCCCC



4D4D4D

Same Dimension

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



223E76



174299



302276



35373B



00297A



0053FA

Inverse Universe

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



76223E



991742



687622



3B3537



7A0029



FA0053

Previews

White Background



This preview shows how the Hex color 223E76 looks on a white background.

Color Contrast Check

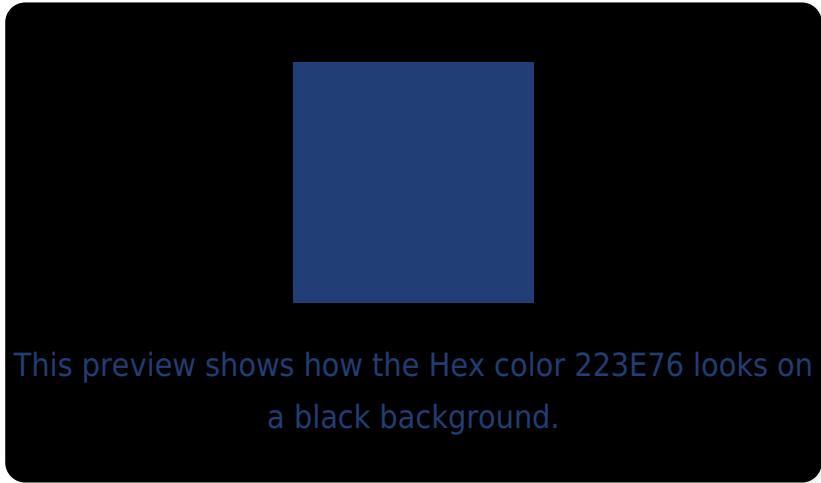
Large Text (above 18pt) WCAG AA ✓ Pass

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 223E76 Background



This preview shows how black text looks on a background with the Hex color 223E76.



This preview shows how white text looks on a background with the Hex color 223E76.

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



Trichromacy



Original Color
223E76

Protanomaly
233E76

Tritanomaly
0C445B

Monochromacy



Original Color
223E76

Achromatopsia
3C3C3C

Achromatomaly
333D51

CSS Examples

Text

The CSS property to change the color of the text to Hex 223E76 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 #223E76 looks like.

```
.text, #text, p{  
    color:#223E76  
}
```

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 #223E76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223E76
}
```

Border

The CSS property to change the border of an element to Hex 223E76 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
#223E76 }
```

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

```
.border{ border-color:#223E76 }
```

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

Here you see how a box with a 4 pixel #223E76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223E76; -webkit-box-shadow:4px 4px  
4px 4px #223E76; box-shadow:4px 4px 4px  
4px #223E76 }
```

Background

The CSS property to change the background color of an element to Hex 223E76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223E76 }
```

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

```
.background{ background-color:#223E76 }
```

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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