

Converting Colors

Hex(223A66)

Have a look what the booklet for
Hex(223A66) contains.

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Color

Hex(223A66)

Conversions

Conversions Part 1

Format	Color
Hex	223A66
RGB	34, 58, 102
RGB Percent	13%, 23%, 40%
CMY	0.8667, 0.7725, 0.6000
CMYK	0.67, 0.43, 0.00, 0.60
HSL	219°, 50%, 27%
HSV	219°, 67%, 40%
XYZ	4.5710, 4.3255, 13.1644
YIQ	55.8400, -28.4280, 8.5960

Conversions

Conversions Part 2

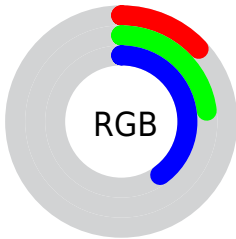
Format	Color
R_{YB}	34, 52, 102
Decimal	2243174
CIE _{Lab}	24.72, 6.31, -28.69
CIE _{LCh}	25, 29.376, 282.410
Yxy	4.3255, 0.2072, 0.1961
Android (android.graphics.Color)	4280433254 (0xFF223A66)
YUV	55.8400, 22.7569, -19.1537
Hunter-Lab	20.7978, 2.8351, -22.9702

Details

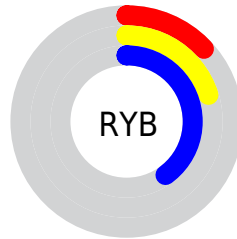
The Hex color **223A66** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **664E22**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **566999**, and **001037** is the 20% darker color. If you saturate the color by 10%, you get **183366**, and if you desaturate by 10%, it is **2C4166**.

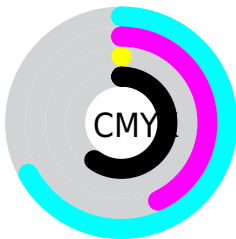
Distribution



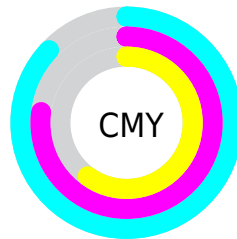
- Red (13%)
- Green (23%)
- Blue (40%)



- Red (13%)
- Yellow (20%)
- Blue (40%)



- Cyan (67%)
- Magenta (43%)
- Yellow (0%)
- Black (60%)



- Cyan (87%)
- Magenta (77%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223A66 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 223A66 by changing the saturation by 10% instead.

■ 223A66

■ 223A66

FFFFFF

■ 01254E

■ 566999

■ 001037

■ 7082B4

■ 000221

■ 8B9CD0

■ 000006

■ A6B7EC

■ 000000

■ C2D2FF

■ DEEEFF

■ FBFFFF

■ 223A66

■ 223A66

■ 183366

■ 2C4166

■ 0E2D66

■ 364766

■ 032666

■ 414E66

■ 002466

■ 4B5466

■ 555B66

■ 5F6266

■ 696866

■ 746F66

■ 7E7566

Harmonies

Analogous

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



004165



223A66



48315C

Triad

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



223A66



5F2C1E



00452D

Complementary

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



223A66



664E22

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.



254218



223A66



51350F

Square

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



223A66



632732



3E3C0C



004544

Rectangle

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



223A66



572B50



3E3C0C



0B4425

Sweetspot

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



223A66



6A7385



22664D



323842



C2C2C2



424242

Same Dimension

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



223A66



1B4085



2B2266



2E3033



002973



0056F2

Inverse Universe

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



66223A



851B40



5D6622



332E30



730028



F20055

Previews

White Background



This preview shows how the Hex color 223A66 looks on a white background.

Color Contrast Check

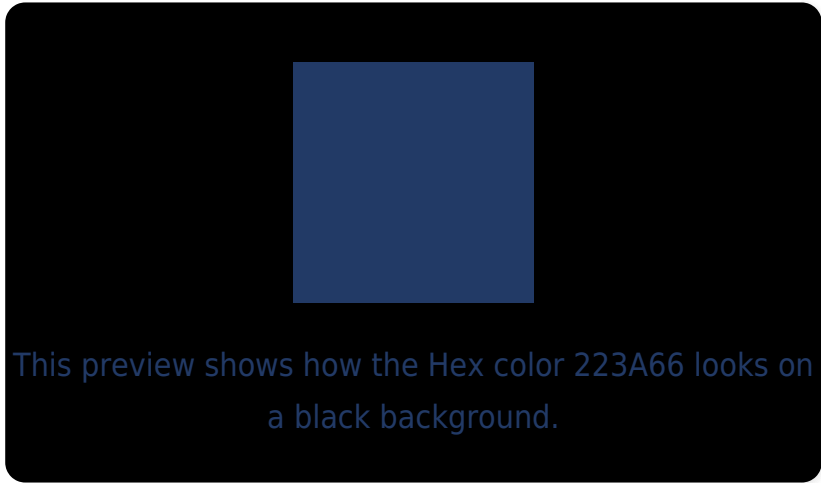
Large Text (above 18pt) WCAG AA ✓ Pass

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 223A66 Background



This preview shows how black text looks on a background with the Hex color 223A66.



This preview shows how white text looks on a background with the Hex color 223A66.

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

223A66

Protanopia

273965

Deuteranopia

183B66



Tritanopia
0B4146

Trichromacy



Original Color
223A66

Protanomaly
253965

Deuteranomaly
1C3B66

Tritanomaly
133E52

Monochromacy



Original Color
223A66

Achromatopsia
383838

Achromatomaly
303949

CSS Examples

Text

The CSS property to change the color of the text to Hex 223A66 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 #223A66 looks like.

```
.text, #text, p{  
    color:#223A66  
}
```

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 #223A66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223A66
}
```

Border

The CSS property to change the border of an element to Hex 223A66 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
#223A66 }
```

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

```
.border{ border-color:#223A66 }
```

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

Here you see how a box with a 4 pixel #223A66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223A66; -webkit-box-shadow:4px 4px  
4px 4px #223A66; box-shadow:4px 4px 4px  
4px #223A66 }
```

Background

The CSS property to change the background color of an element to Hex 223A66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223A66 }
```

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

```
.background{ background-color:#223A66 }
```

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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