

Converting Colors

Hex(233A60)

Have a look what the booklet for
Hex(233A60) contains.

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Color

Hex(233A60)

Conversions

Conversions Part 1

Format	Color
Hex	233A60
RGB	35, 58, 96
RGB Percent	14%, 23%, 38%
CMY	0.8627, 0.7725, 0.6235
CMYK	0.64, 0.40, 0.00, 0.62
HSL	217°, 47%, 26%
HSV	217°, 64%, 38%
XYZ	4.3175, 4.2280, 11.6549
YIQ	55.4550, -25.9060, 6.9420

Conversions

Conversions Part 2

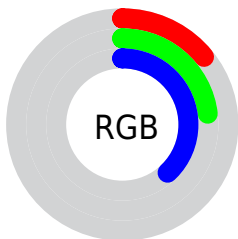
Format	Color
R_{YB}	35, 52, 96
Decimal	2308704
CIE Lab	24.41, 4.22, -25.29
CIE LCh	24, 25.636, 279.467
Yxy	4.2280, 0.2137, 0.2093
Android (android.graphics.Color)	4280498784 (0xFF233A60)
YUV	55.4550, 19.9887, -17.9390
Hunter-Lab	20.5620, 1.4970, -19.2130

Details

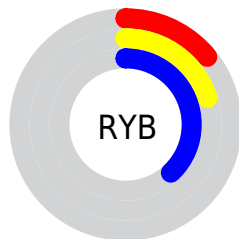
The Hex color **233A60** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **604923**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **566993**, and **000F31** is the 20% darker color. If you saturate the color by 10%, you get **193460**, and if you desaturate by 10%, it is **2D4060**.

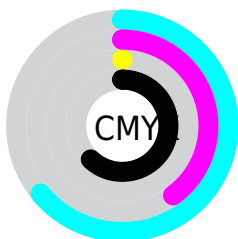
Distribution



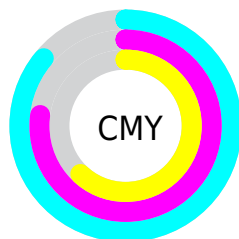
- Red (14%)
- Green (23%)
- Blue (38%)



- Red (14%)
- Yellow (20%)
- Blue (38%)



- Cyan (64%)
- Magenta (40%)
- Yellow (0%)
- Black (62%)



- Cyan (86%)
- Magenta (77%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233A60 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 233A60 by changing the saturation by 10% instead.

■ 233A60

■ 233A60

FFFFFF

■ 052548

■ 566993

■ 000F31

■ 6F82AE

■ 00021C

■ 8A9CC9

■ 000000

■ A5B7E5

■ C0D2FF

■ DDEEFF

■ FAFFFF

■ 233A60

■ 233A60

■ 193460

■ 2D4060

■ 102E60

■ 364660

■ 062860

■ 404C60

■ 002460

■ 495260

■ 535860

■ 5D5E60

■ 666460

■ 706A60

■ 797060

Harmonies

Analogous

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



00405E



233A60



433258

Triad

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



233A60



5B2D22



0B432C

Complementary

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



233A60



604923

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.



2A401B



233A60



503415

Square

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



233A60



5E2935



3F3B12



004440

Rectangle

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



233A60



512E4E



3F3B12



184226

Sweetspot

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



233A60



656E7D



236049



313740



BFBFBF



404040

Same Dimension

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



233A60



1E427D



2A2360



2C2D30



002A70



005AF0

Inverse Universe

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



60233A



7D1E42



596023



302C2D



70002A



F0005A

Previews

White Background



This preview shows how the Hex color 233A60 looks on a white background.

Color Contrast Check

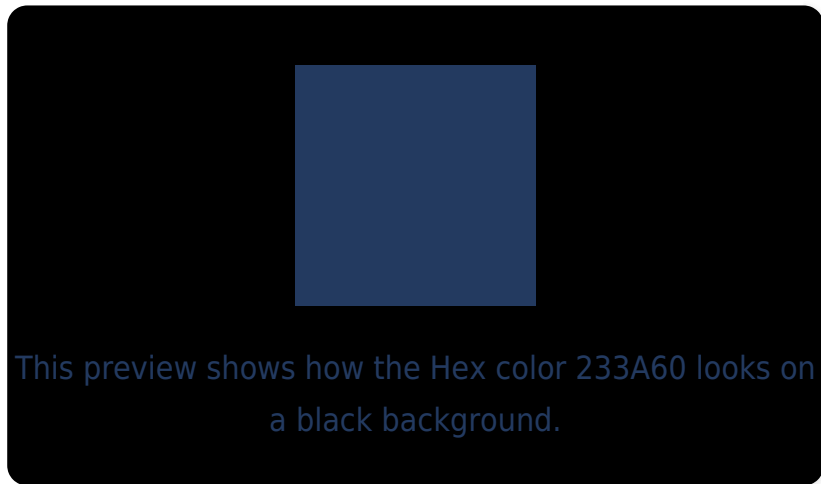
Large Text (above 18pt) WCAG AA ✓ Pass

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 233A60 Background



This preview shows how black text looks on a background with the Hex color 233A60.



This preview shows how white text looks on a background with the Hex color 233A60.

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
233A60

Protanopia
2B395F

Deuteranopia
213A60



Tritanopia
144045

Trichromacy



Original Color
233A60

Protanomaly
28395F

Deuteranomaly
223A60

Tritanomaly
193E4F

Monochromacy



Original Color
233A60

Achromatopsia
373737

Achromatomaly
303846

CSS Examples

Text

The CSS property to change the color of the text to Hex 233A60 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 #233A60 looks like.

```
.text, #text, p{  
    color:#233A60  
}
```

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 #233A60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233A60
}
```

Border

The CSS property to change the border of an element to Hex 233A60 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
#233A60 }
```

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

```
.border{ border-color:#233A60 }
```

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

Here you see how a box with a 4 pixel #233A60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233A60; -webkit-box-shadow:4px 4px  
4px 4px #233A60; box-shadow:4px 4px 4px  
4px #233A60 }
```

Background

The CSS property to change the background color of an element to Hex 233A60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233A60 }
```

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

```
.background{ background-color:#233A60 }
```

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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