

Converting Colors

Hex(223863)

Have a look what the booklet for
Hex(223863) contains.

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Color

Hex(223863)

Conversions

Conversions Part 1

Format	Color
Hex	223863
RGB	34, 56, 99
RGB Percent	13%, 22%, 39%
CMY	0.8667, 0.7804, 0.6118
CMYK	0.66, 0.43, 0.00, 0.61
HSL	220°, 49%, 26%
HSV	220°, 66%, 39%
XYZ	4.3260, 4.0693, 12.3618
YIQ	54.3240, -26.9150, 8.7090

Conversions

Conversions Part 2

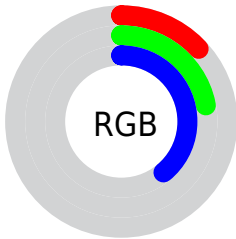
Format	Color
R_{YB}	34, 50, 99
Decimal	2242659
CIE Lab	23.90, 6.54, -28.05
CIE LCh	24, 28.804, 283.124
Yxy	4.0693, 0.2084, 0.1960
Android (android.graphics.Color)	4280432739 (0xFF223863)
YUV	54.3240, 22.0253, -17.8241
Hunter-Lab	20.1725, 2.9776, -22.2126

Details

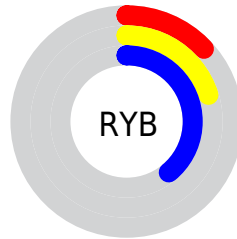
The Hex color **223863** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **634D22**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **556796**, and **000D34** is the 20% darker color. If you saturate the color by 10%, you get **183163**, and if you desaturate by 10%, it is **2C3F63**.

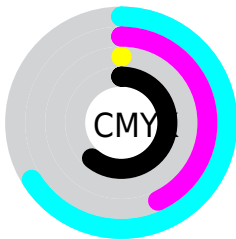
Distribution



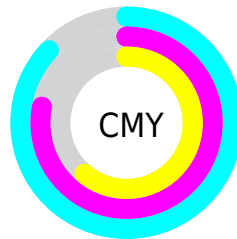
- Red (13%)
- Green (22%)
- Blue (39%)



- Red (13%)
- Yellow (20%)
- Blue (39%)



- Cyan (66%)
- Magenta (43%)
- Yellow (0%)
- Black (61%)



- Cyan (87%)
- Magenta (78%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 223863 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 223863 by changing the saturation by 10% instead.

■ 223863

■ 223863

FFFFFF

■ 02234B

■ 556796

■ 000D34

■ 6F7FB1

■ 00021E

■ 8A99CD

■ 000001

■ A5B4E9

■ 000000

■ C1D0FF

■ DDECFF

■ FAFFFF

■ 223863

■ 223863

■ 183163

■ 2C3F63

■ 0E2B63

■ 364563

■ 042463

■ 404C63

■ 002263

■ 4A5263

■ 545963

■ 5D5F63

■ 676663

■ 716C63

■ 7B7363

Harmonies

Analogous

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



003F62



223863



462F59

Triad

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



223863



5C2B1C



00432C

Complementary

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



223863



634D22

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.



234018



223863



4F330E

Square

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



223863



612530



3B3B0B



004342

Rectangle

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



223863



55294D



3B3B0B



094224

Sweetspot

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



223863



666F80



22634C



303640



BFBFBF



404040

Same Dimension

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



223863



1B3D80



2C2263



2C2D30



002670



0051F0

Inverse Universe

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



632238



801B3D



596322



302C2D



700026



F00051

Previews

White Background



This preview shows how the Hex color 223863 looks on a white background.

Color Contrast Check

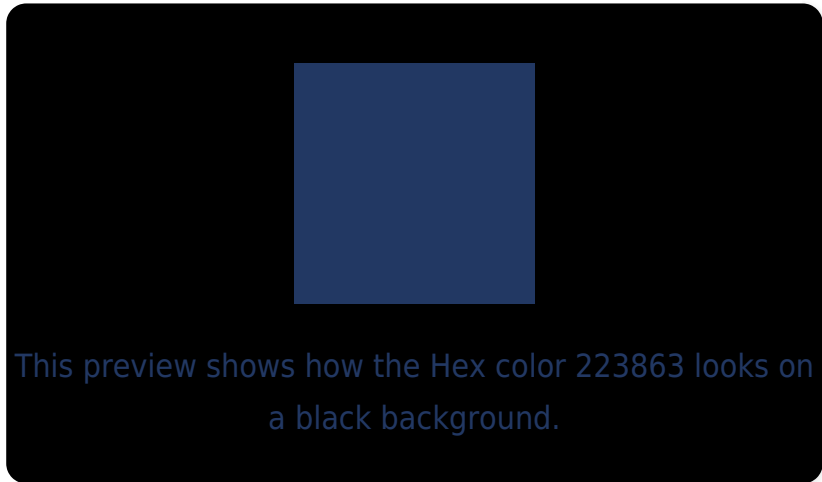
Large Text (above 18pt) WCAG AA ✓ Pass

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 223863 Background



This preview shows how black text looks on a background with the Hex color 223863.



This preview shows how white text looks on a background with the Hex color 223863.

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
223863

Protanopia
263762

Deuteranopia
173A63



Tritanopia
0E3F44

Trichromacy



Original Color
223863

Protanomaly
253762

Deuteranomaly
1B3963

Tritanomaly
153C4F

Monochromacy



Original Color
223863

Achromatopsia
363636

Achromatomaly
2F3746

CSS Examples

Text

The CSS property to change the color of the text to Hex 223863 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 #223863 looks like.

```
.text, #text, p{  
    color:#223863  
}
```

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 #223863 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #223863
}
```

Border

The CSS property to change the border of an element to Hex 223863 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
#223863 }
```

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

```
.border{ border-color:#223863 }
```

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

Here you see how a box with a 4 pixel #223863 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #223863; -webkit-box-shadow:4px 4px  
4px 4px #223863; box-shadow:4px 4px 4px  
4px #223863 }
```

Background

The CSS property to change the background color of an element to Hex 223863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#223863 }
```

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

```
.background{ background-color:#223863 }
```

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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