

Converting Colors

Hex(23163A)

Have a look what the booklet for
Hex(23163A) contains.

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Color

Hex(23163A)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 23163A |
| RGB | 35, 22, 58 |
| RGB Percent | 14%, 9%, 23% |
| CMY | 0.8627, 0.9137, 0.7725 |
| CMYK | 0.40, 0.62, 0.00, 0.77 |
| HSL | 262°, 45%, 16% |
| HSV | 262°, 62%, 23% |
| XYZ | 1.7438, 1.2366, 4.1498 |
| YIQ | 29.9910, -3.8080, 13.9520 |

Conversions

Conversions Part 2

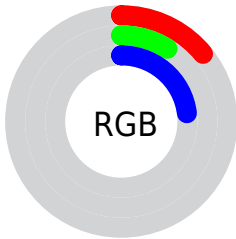
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 35, 22, 58 |
| Decimal | 2299450 |
| CIELab | 10.82, 16.25, -21.06 |
| CIELCh | 11, 26.596, 307.655 |
| Yxy | 1.2366, 0.2446, 0.1734 |
| Android (android.graphics.Color) | 4280489530 (0xFF23163A) |
| YUV | 29.9910, 13.8084, 4.3929 |
| Hunter-Lab | 11.1204, 8.5295, -14.3408 |

Details

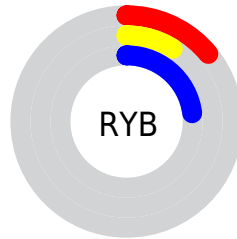
The Hex color **23163A** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2D3A16**, and the grayscale version is **1E1E1E**.

A 20% lighter version of the original color is **51416A**, and **00010D** is the 20% darker color. If you saturate the color by 10%, you get **1F103A**, and if you desaturate by 10%, it is **271C3A**.

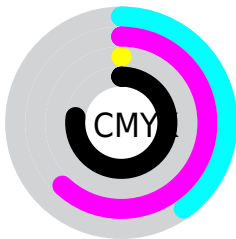
Distribution



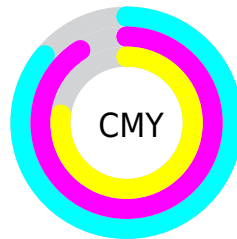
- Red (14%)
- Green (9%)
- Blue (23%)



- Red (14%)
- Yellow (9%)
- Blue (23%)



- Cyan (40%)
- Magenta (62%)
- Yellow (0%)
- Black (77%)



- Cyan (86%)
- Magenta (91%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23163A 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 23163A by changing the saturation by 10% instead.

■ 23163A

■ 23163A

■ FFF9FF

■ 110025

■ 51416A

■ 00010D

■ 6A5983

■ 000000

■ 83719D

■ 9E8BB8

■ B9A5D4

■ D5C0F0

■ F1DCFF

■ 23163A

■ 23163A

■ 1F103A

■ 271C3A

■ 1C0A3A

■ 2A223A

■ 18053A

■ 2E273A

■ 15003A

■ 322D3A

■ 36333A

■ 39393A

■ 3D3F3A

■ 41443A

■ 444A3A

Harmonies

Analogous

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



001E41



23163A



360D2B

Triad

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



23163A



301700



002621

Complementary

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



23163A



2D3A16

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.



00250D



23163A



221E00

Square

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



23163A



3B0E01



102200



002533

Rectangle

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



23163A



3C091F



102200



00261B

Sweetspot

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



23163A



433E4D



162D3A



211D26



A6A6A6



262626

Same Dimension

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



23163A



28144D



35163A



1A191C



21005C



4F00DB

Inverse Universe

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



3A162D



4D1438



1B3A16



1C191B



5C003B



DB008C

Previews

White Background



This preview shows how the Hex color 23163A 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

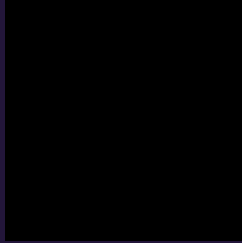
Any Text WCAG AA × Fail

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 23163A Background



This preview shows how black text looks on a background with the Hex color 23163A.



This preview shows how white text looks on a background with the Hex color 23163A.

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
23163A

Protanopia
001D3D

Deuteranopia
001E35



Tritanopia
1D1E20

Trichromacy



Original Color

23163A

Protanomaly

0D1A3C

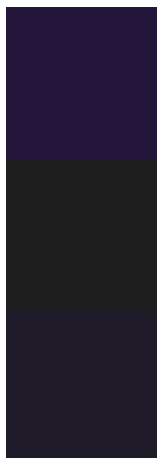
Deuteranomaly

0D1B37

Tritanomaly

1F1B29

Monochromacy



Original Color

23163A

Achromatopsia

1E1E1E

Achromatomaly

201B28

CSS Examples

Text

The CSS property to change the color of the text to Hex 23163A 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 #23163A looks like.

```
.text, #text, p{  
    color:#23163A  
}
```

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 #23163A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23163A
}
```

Border

The CSS property to change the border of an element to Hex 23163A 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
#23163A }
```

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

```
.border{ border-color:#23163A }
```

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

Here you see how a box with a 4 pixel #23163A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23163A; -webkit-box-shadow:4px 4px  
4px 4px #23163A; box-shadow:4px 4px 4px  
4px #23163A }
```

Background

The CSS property to change the background color of an element to Hex 23163A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23163A }
```

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

```
.background{ background-color:#23163A }
```

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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