

Converting Colors

Hex(23873D)

Have a look what the booklet for
Hex(23873D) contains.

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Color

Hex(23873D)

Conversions

Conversions Part 1

Format	Color
Hex	23873D
RGB	35, 135, 61
RGB Percent	14%, 53%, 24%
CMY	0.8627, 0.4706, 0.7608
CMYK	0.74, 0.00, 0.55, 0.47
HSL	136°, 59%, 33%
HSV	136°, 74%, 53%
XYZ	10.1994, 18.0222, 7.3559
YIQ	96.6640, -35.8460, -44.2140

Conversions

Conversions Part 2

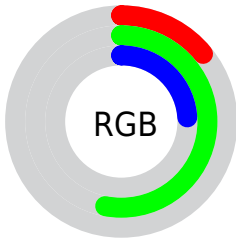
Format	Color
R_{YB}	35, 114, 135
Decimal	2328381
CIE _{Lab}	49.52, -44.83, 31.51
CIE _{LCh}	50, 54.795, 144.891
Yxy	18.0222, 0.2867, 0.5066
Android (android.graphics.Color)	4280518461 (0xFF23873D)
YUV	96.6640, -17.5824, -54.0793
Hunter-Lab	42.4526, -31.4066, 19.4433

Details

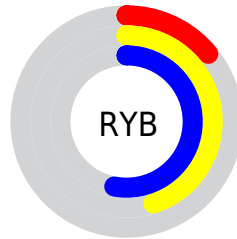
The Hex color **23873D** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **87236D**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5FBD6E**, and **00540D** is the 20% darker color. If you saturate the color by 10%, you get **158733**, and if you desaturate by 10%, it is **318747**.

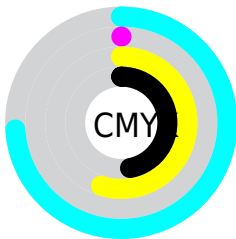
Distribution



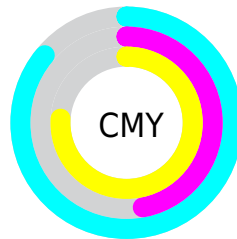
- Red (14%)
- Green (53%)
- Blue (24%)



- Red (14%)
- Yellow (45%)
- Blue (53%)



- Cyan (74%)
- Magenta (0%)
- Yellow (55%)
- Black (47%)



- Cyan (86%)
- Magenta (47%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23873D 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 23873D by changing the saturation by 10% instead.

 23873D

 23873D

FFFFFF

 006D25

 5FBD6E

 00540D

 7BD988

 003C00

 97F6A3

 002700

 B4FFBE

 000000

 D0FFDA

 EEEFF7

 23873D

 23873D

 158733

 318747

■ 088729

■ 3E8751

■ 008723

■ 4C875B

■ 598765

■ 67876F

■ 748779

■ 828783

■ 8F878D

■ 9C8797

Harmonies

Analogous

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



677F14



23873D



008B6C

Triad

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



23873D



007ED3



C84C51

Complementary

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



23873D



87236D

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.



C44880



23873D



666DCB

Square

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



23873D



0087C1



A658AC



B55E29

Rectangle

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



23873D



008C8C



A658AC



C94861

Sweetspot

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



23873D



89B093



6E8723



425948



D9D9D9



595959

Same Dimension

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



23873D



13B03C



23876E



3C423D



008222



000301

Inverse Universe

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



87236D



B01387



87233C



423C41



820060



030002

Previews

White Background



This preview shows how the Hex color 23873D looks on a white background.

Color Contrast Check

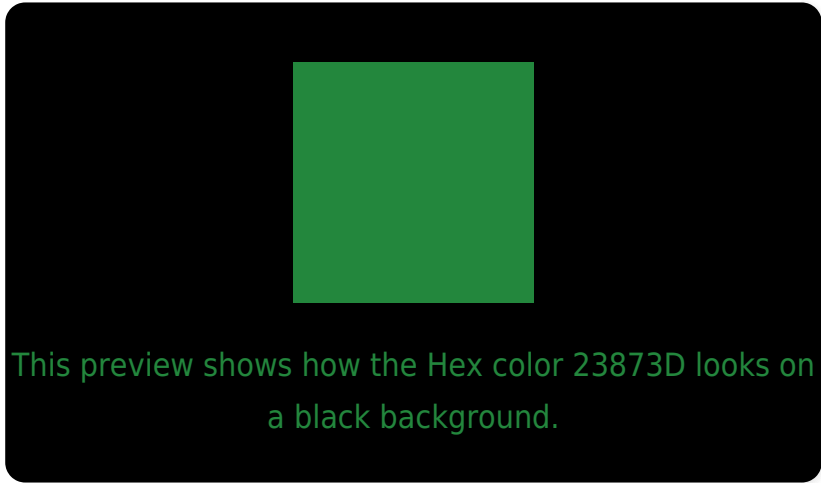
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 23873D Background



This preview shows how black text looks on a background with the Hex color 23873D.



This preview shows how white text looks on a background with the Hex color 23873D.

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
23873D

Protanopia
827537

Deuteranopia
8E7043



Tritanopia
3E7F89

Trichromacy



Original Color
23873D



Protanomaly
5F7C39



Deuteranomaly
677841



Tritanomaly
34826D

Monochromacy



Original Color
23873D



Achromatopsia
616161



Achromatomaly
4A6F54

CSS Examples

Text

The CSS property to change the color of the text to Hex 23873D 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 #23873D looks like.

```
.text, #text, p{  
    color:#23873D  
}
```

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 #23873D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23873D
}
```

Border

The CSS property to change the border of an element to Hex 23873D 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
#23873D }
```

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

```
.border{ border-color:#23873D }
```

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

Here you see how a box with a 4 pixel #23873D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23873D; -webkit-box-shadow:4px 4px  
4px 4px #23873D; box-shadow:4px 4px 4px  
4px #23873D }
```

Background

The CSS property to change the background color of an element to Hex 23873D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23873D }
```

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

```
.background{ background-color:#23873D }
```

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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