

Converting Colors

Hex(234376)

Have a look what the booklet for
Hex(234376) contains.

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Color

Hex(234376)

Conversions

Conversions Part 1

Format	Color
Hex	234376
RGB	35, 67, 118
RGB Percent	14%, 26%, 46%
CMY	0.8627, 0.7373, 0.5373
CMYK	0.70, 0.43, 0.00, 0.54
HSL	217°, 54%, 30%
HSV	217°, 70%, 46%
XYZ	5.9703, 5.6796, 17.9212
YIQ	63.2460, -35.4430, 9.0770

Conversions

Conversions Part 2

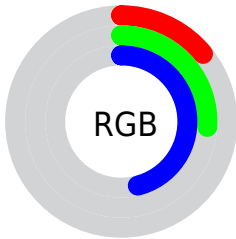
Format	Color
R_{YB}	35, 58, 118
Decimal	2311030
CIE Lab	28.59, 6.56, -32.73
CIE LCh	29, 33.378, 281.337
Yxy	5.6796, 0.2019, 0.1921
Android (android.graphics.Color)	4280501110 (0xFF234376)
YUV	63.2460, 26.9937, -24.7717
Hunter-Lab	23.8320, 3.0112, -27.9024

Details

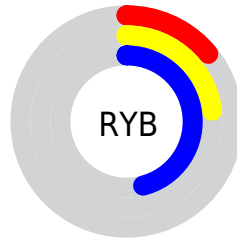
The Hex color **234376** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **765623**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **5A73AB**, and **001945** is the 20% darker color. If you saturate the color by 10%, you get **173C76**, and if you desaturate by 10%, it is **2F4A76**.

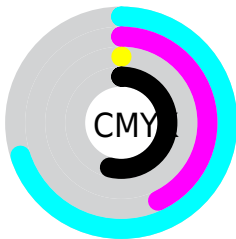
Distribution



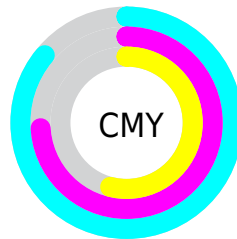
- Red (14%)
- Green (26%)
- Blue (46%)



- Red (14%)
- Yellow (23%)
- Blue (46%)



- Cyan (70%)
- Magenta (43%)
- Yellow (0%)
- Black (54%)



- Cyan (86%)
- Magenta (74%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234376 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 234376 by changing the saturation by 10% instead.

■ 234376

■ 234376

FFFFFF

■ 002D5D

■ 5A73AB

■ 001945

■ 758CC6

■ 00032F

■ 90A6E2

■ 000119

■ ABC1FF

■ 000000

■ C8DDFF

■ E4FAFF

■ 234376

■ 234376

■ 173C76

■ 2F4A76

■ 0B3476

■ 3B5276

■ 002D76

■ 465976

■ 526076

■ 5E6776

■ 6A6F76

■ 767676

■ 817D76

■ 8D8476

Harmonies

Analogous

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



004B74



234376



51386A

Triad

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



234376



6D3223



004F32

Complementary

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



234376



765623

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.



2B4B1A



234376



5E3C10

Square

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



234376



722C3B



48450B



00504D

Rectangle

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



234376



63315D



48450B



0D4E2A

Sweetspot

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



234376



798599



237655



39414D



CCCCCC



4D4D4D

Same Dimension

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



234376



184A99



2B2376



35373B



002F7A



0060FA

Inverse Universe

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



762343



99184A



6E7623



3B3537



7A002F



FA0060

Previews

White Background



This preview shows how the Hex color 234376 looks on a white background.

Color Contrast Check

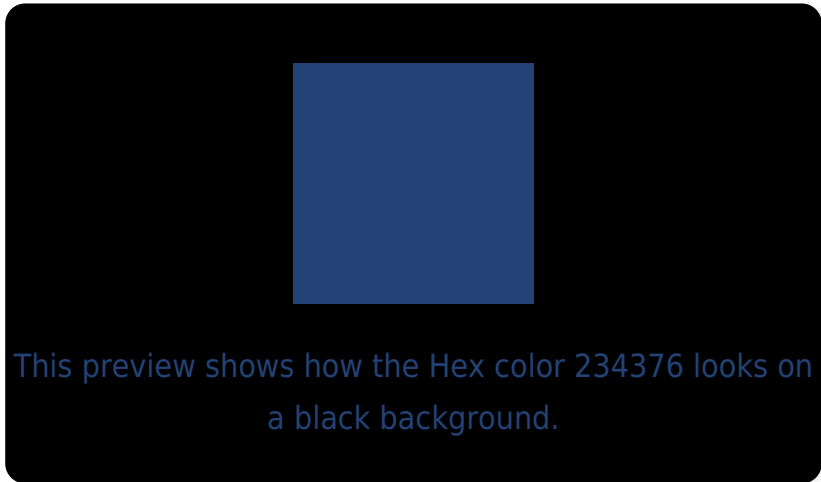
Large Text (above 18pt) WCAG AA ✓ Pass

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 234376 Background



This preview shows how black text looks on a background with the Hex color 234376.



This preview shows how white text looks on a background with the Hex color 234376.

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
234376

Protanopia
2D4275

Deuteranopia
194476



Tritanopia
004B51

Trichromacy



Original Color
234376

Protanomaly
294275

Deuteranomaly
1D4476

Tritanomaly
0D485E

Monochromacy



Original Color
234376

Achromatopsia
3F3F3F

Achromatomaly
354053

CSS Examples

Text

The CSS property to change the color of the text to Hex 234376 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 #234376 looks like.

```
.text, #text, p{  
    color:#234376  
}
```

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 #234376 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234376
}
```

Border

The CSS property to change the border of an element to Hex 234376 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
#234376 }
```

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

```
.border{ border-color:#234376 }
```

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

Here you see how a box with a 4 pixel #234376 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234376; -webkit-box-shadow:4px 4px  
4px 4px #234376; box-shadow:4px 4px 4px  
4px #234376 }
```

Background

The CSS property to change the background color of an element to Hex 234376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234376 }
```

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

```
.background{ background-color:#234376 }
```

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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