

Converting Colors

Hex(234040)

Have a look what the booklet for
Hex(234040) contains.

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Color

Hex(234040)

Conversions

Conversions Part 1

Format	Color
Hex	234040
RGB	35, 64, 64
RGB Percent	14%, 25%, 25%
CMY	0.8627, 0.7490, 0.7490
CMYK	0.45, 0.00, 0.00, 0.75
HSL	180°, 29%, 19%
HSV	180°, 45%, 25%
XYZ	3.4519, 4.3943, 5.5167
YIQ	55.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

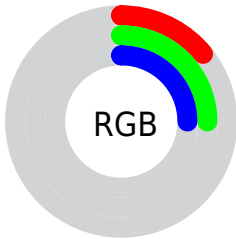
Format	Color
R_{YB}	35, 50, 64
Decimal	2310208
CIE Lab	24.93, -10.86, -3.43
CIE LCh	25, 11.388, 197.530
Yxy	4.3943, 0.2583, 0.3288
Android (android.graphics.Color)	4280500288 (0xFF234040)
YUV	55.3290, 4.2748, -17.8285
Hunter-Lab	20.9625, -7.2905, -0.9296

Details

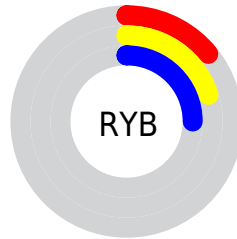
The Hex color **234040** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **402323**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **527070**, and **001616** is the 20% darker color. If you saturate the color by 10%, you get **1D4040**, and if you desaturate by 10%, it is **294040**.

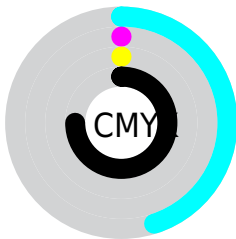
Distribution



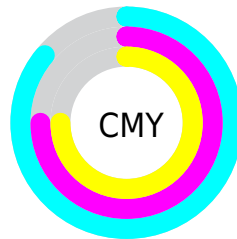
- Red (14%)
- Green (25%)
- Blue (25%)



- Red (14%)
- Yellow (20%)
- Blue (25%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (75%)



- Cyan (86%)
- Magenta (75%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234040 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 234040 by changing the saturation by 10% instead.

■ 234040

■ 234040

FFFFFF

■ 0C2A2A

■ 527070

■ 001616

■ 6A8989

■ 000000

■ 84A4A3

■ 9EBFBE

■ BADBDA

■ D6F7F7

■ F2FFFF

■ 234040

■ 234040

■ 1D4040

■ 294040

■ 164040

■ 304040

■ 104040

■ 364040

■ 094040

■ 3D4040

■ 034040

■ 434040

■ 004040

■ 494040

■ 504040

■ 564040

■ 5D4040

Harmonies

Analogous

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



294037



234040



243F48

Triad

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



234040



433747



45392B

Complementary

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



234040



402323

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.



4B372F



234040



4A353F

Square

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



234040



383A4B



4D3536



3C3C2B

Rectangle

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



234040



293E4B



4D3536



47382C

Sweetspot

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



234040



485454



234023



242B2B



ABABAB



2B2B2B

Same Dimension

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



234040



275454



233240



1E2121



006161



00E0E0

Inverse Universe

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



402340



542754



403223



211E21



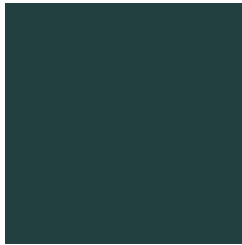
610061



E000E0

Previews

White Background



This preview shows how the Hex color 234040 looks on a white background.

Color Contrast Check

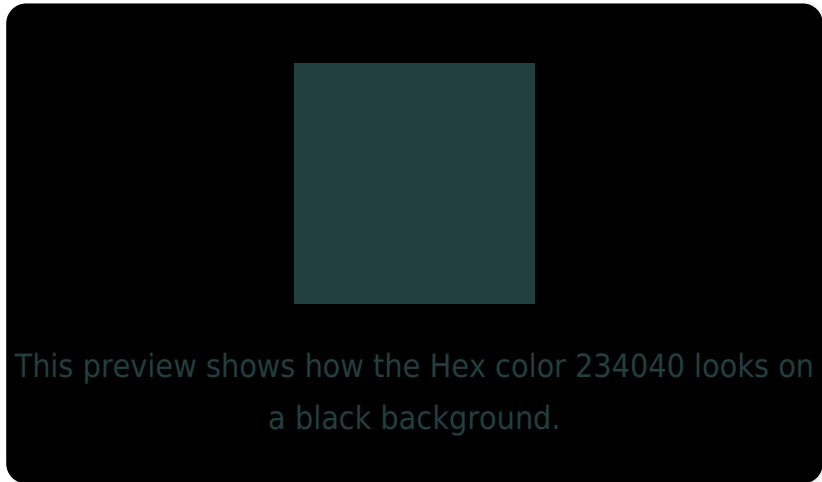
Large Text (above 18pt) WCAG AA ✓ Pass

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

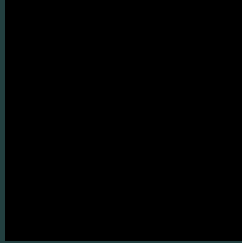
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

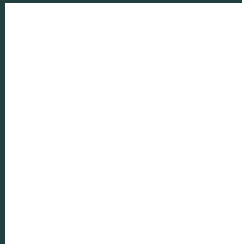
Any Text WCAG AAA × Fail

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

Hex 234040 Background



This preview shows how black text looks on a background with the Hex color 234040.



This preview shows how white text looks on a background with the Hex color 234040.

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
234040

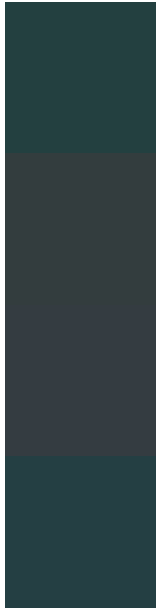
Protanopia
3C3B3D

Deuteranopia
3E3941



Tritanopia
243F44

Trichromacy



Original Color
234040

Protanomaly
333D3E

Deuteranomaly
343C41

Tritanomaly
243F43

Monochromacy



Original Color
234040

Achromatopsia
373737

Achromatomaly
303A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 234040 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 #234040 looks like.

```
.text, #text, p{  
    color:#234040  
}
```

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 #234040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234040
}
```

Border

The CSS property to change the border of an element to Hex 234040 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
#234040 }
```

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

```
.border{ border-color:#234040 }
```

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

Here you see how a box with a 4 pixel #234040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234040; -webkit-box-shadow:4px 4px  
4px 4px #234040; box-shadow:4px 4px 4px  
4px #234040 }
```

Background

The CSS property to change the background color of an element to Hex 234040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234040 }
```

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

```
.background{ background-color:#234040 }
```

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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