

Converting Colors

Hex(234962)

Have a look what the booklet for
Hex(234962) contains.

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Color

Hex(234962)

Conversions

Conversions Part 1

Format	Color
Hex	234962
RGB	35, 73, 98
RGB Percent	14%, 29%, 38%
CMY	0.8627, 0.7137, 0.6157
CMYK	0.64, 0.26, 0.00, 0.62
HSL	204°, 47%, 26%
HSV	204°, 64%, 38%
XYZ	5.2803, 6.0043, 12.4359
YIQ	64.4880, -30.6730, -0.2810

Conversions

Conversions Part 2

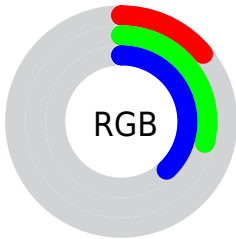
Format	Color
R_{YB}	35, 59, 98
Decimal	2312546
CIE _{Lab}	29.42, -5.01, -18.72
CIE _{LCh}	29, 19.378, 255.032
Yxy	6.0043, 0.2226, 0.2531
Android (android.graphics.Color)	4280502626 (0xFF234962)
YUV	64.4880, 16.5214, -25.8610
Hunter-Lab	24.5036, -4.4162, -12.9380




Details

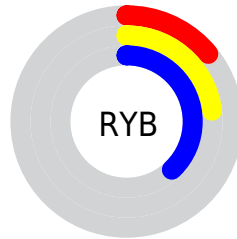
The Hex color **234962** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **623C23**, and the grayscale version is **404040**.




A 20% lighter version of the original color is **567995**, and **001E33** is the 20% darker color. If you saturate the color by 10%, you get **194562**, and if you desaturate by 10%, it is **2D4D62**.

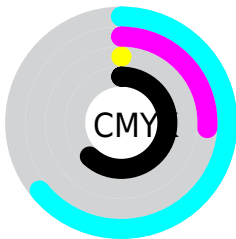
Distribution







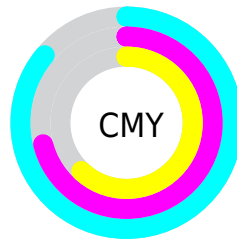
-  Red (14%)
-  Green (29%)
-  Blue (38%)






-  Red (14%)
-  Yellow (23%)
-  Blue (38%)



-  Cyan (64%)
-  Magenta (26%)
-  Yellow (0%)
-  Black (62%)



-  Cyan (86%)
-  Magenta (71%)
-  Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 234962 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 234962 by changing the saturation by 10% instead.



234962



234962

FFFFFF



04334A



567995



001E33



7093AF



00021F



8BAECB



000001



A6C9E7



000000



C1E5FF



DEFFFF



FBFFFF



234962



234962

■ 194562

■ 2D4D62

■ 0F4162

■ 375162

■ 063D62

■ 405562

■ 003B62

■ 4A5962

■ 545C62

■ 5E6062

■ 686462

■ 716862

■ 7B6C62

Harmonies

Analogous

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



0C4C5A



234962



3C4462

Triad

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



234962



633A3E



374B30

Complementary

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



234962



623C23

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.



484728



234962



603D31

Square

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



234962



5E3B4D



564228



244D3D

Rectangle

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



234962



4A415E



564228



3D4A2C

Sweetspot

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



234962



677680



23623B



313A40



BFBFBF



404040

Same Dimension

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



234962



1D5980



232A62



2C2F30



004470



0091F0

Inverse Universe

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



622349



801D59



625B23



302C2F



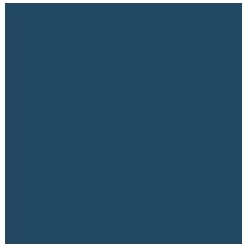
700044



F00091

Previews

White Background



This preview shows how the Hex color 234962 looks on a white background.

Color Contrast Check

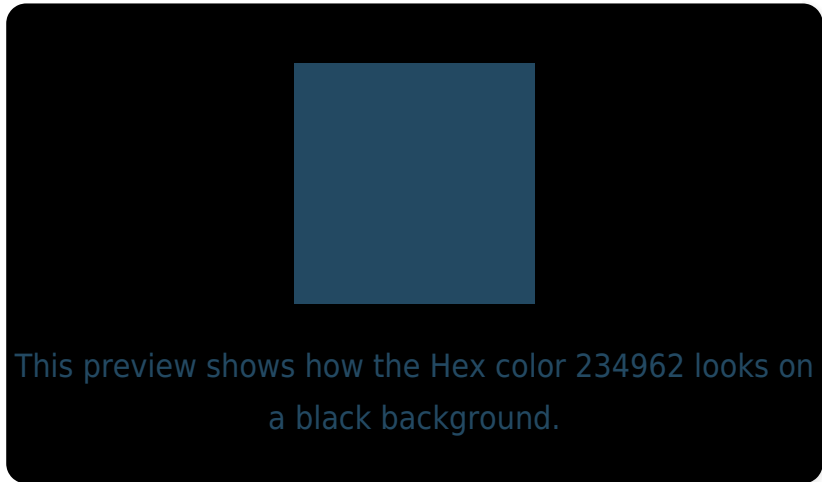
Large Text (above 18pt) WCAG AA ✓ Pass

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

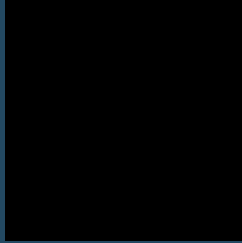
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

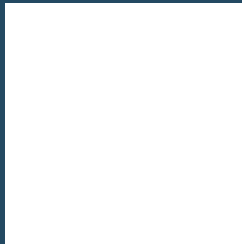
Any Text WCAG AAA × Fail

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

Hex 234962 Background



This preview shows how black text looks on a background with the Hex color 234962.



This preview shows how white text looks on a background with the Hex color 234962.

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
234962

Protanopia
3E445E

Deuteranopia
3A4563

Trichromacy



Original Color
234962

Protanomaly
34465F

Deuteranomaly
324663

Tritanomaly
1E4B58

Monochromacy



Original Color
234962

Achromatopsia
404040

Achromatomaly
35434C

CSS Examples

Text

The CSS property to change the color of the text to Hex 234962 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 #234962 looks like.

```
.text, #text, p{  
    color:#234962  
}
```

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 #234962 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #234962
}
```

Border

The CSS property to change the border of an element to Hex 234962 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
#234962 }
```

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

```
.border{ border-color:#234962 }
```

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

Here you see how a box with a 4 pixel #234962 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #234962; -webkit-box-shadow:4px 4px  
4px 4px #234962; box-shadow:4px 4px 4px  
4px #234962 }
```

Background

The CSS property to change the background color of an element to Hex 234962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#234962 }
```

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

```
.background{ background-color:#234962 }
```

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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