

Converting Colors

Hex(236174)

Have a look what the booklet for
Hex(236174) contains.

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Color

Hex(236174)

Conversions

Conversions Part 1

Format	Color
Hex	236174
RGB	35, 97, 116
RGB Percent	14%, 38%, 45%
CMY	0.8627, 0.6196, 0.5451
CMYK	0.70, 0.16, 0.00, 0.55
HSL	194°, 54%, 30%
HSV	194°, 70%, 45%
XYZ	8.1202, 10.1677, 18.0576
YIQ	80.6280, -43.0510, -7.2350

Conversions

Conversions Part 2

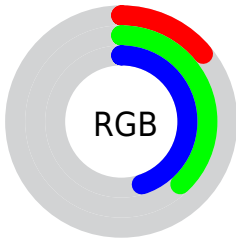
Format	Color
RYB	35, 70, 116
Decimal	2318708
CIELab	38.14, -13.15, -16.54
CIElCh	38, 21.129, 231.496
Yxy	10.1677, 0.2234, 0.2798
Android (android.graphics.Color)	4280508788 (0xFF236174)
YUV	80.6280, 17.4384, -40.0158
Hunter-Lab	31.8868, -10.3455, -11.2553




Details

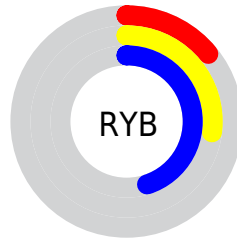
The Hex color **236174** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **743623**, and the grayscale version is **505050**.




A 20% lighter version of the original color is **5A94A8**, and **003344** is the 20% darker color. If you saturate the color by 10%, you get **175E74**, and if you desaturate by 10%, it is **2F6474**.

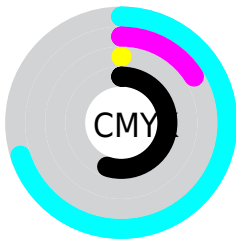
Distribution







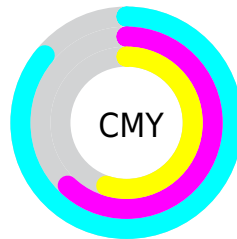
-  Red (14%)
-  Green (38%)
-  Blue (45%)






-  Red (14%)
-  Yellow (27%)
-  Blue (45%)



-  Cyan (70%)
-  Magenta (16%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (86%)
-  Magenta (62%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 236174 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 236174 by changing the saturation by 10% instead.

■ 236174

■ 236174

FFFFFF

■ 00495B

■ 5A94A8

■ 003344

■ 75AEC3

■ 001E2D

■ 91CADF

■ 000119

■ ACE6FC

■ 000000

■ C9FFFF

■ E6FFFF

■ 236174

■ 236174

■ 175E74

■ 2F6474

■ 0C5C74

■ 3A6674

■ 005974

■ 466974

■ 516C74

■ 5D6F74

■ 697174

■ 747474

■ 807774

■ 8B7974

Harmonies

Analogous

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



206366



236174



3B5D7B

Triad

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



236174



784D5F



595D3A

Complementary

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



236174



743623

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.



6A5738



236174



7C4D4E

Square

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



236174



6B516F



765140



456144

Rectangle

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



236174



4D597B



765140



5F5B38

Sweetspot

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



236174



778F96



237436



39484D



CCCCCC



4D4D4D

Same Dimension

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



236174



187996



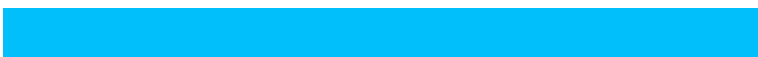
233974



35393B



005E7A



00BFFA

Inverse Universe

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



742361



961879



745E23



3B3539



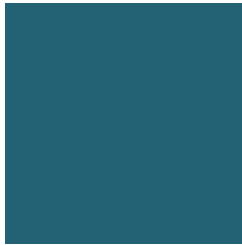
7A005E



FA00BF

Previews

White Background



This preview shows how the Hex color 236174 looks on a white background.

Color Contrast Check

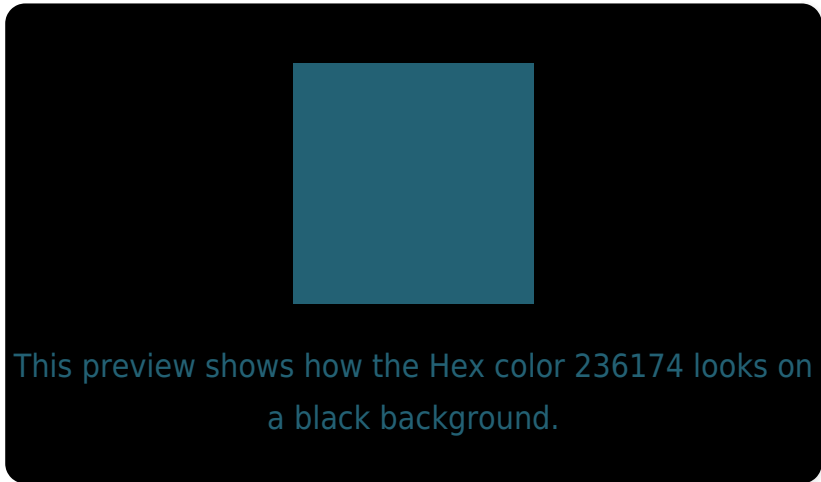
Large Text (above 18pt) WCAG AA ✓ Pass

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

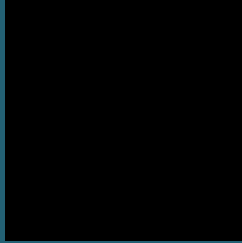
Any Text WCAG AA × Fail

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 236174 Background



This preview shows how black text looks on a background with the Hex color 236174.

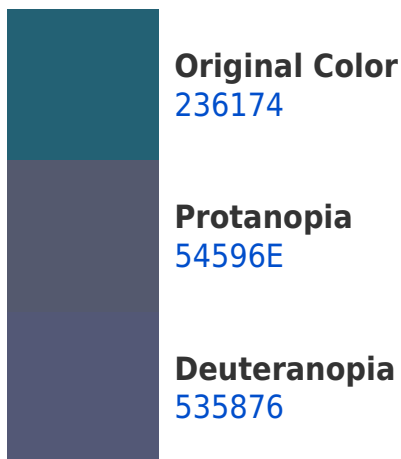



This preview shows how white text looks on a background with the Hex color 236174.

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](#).

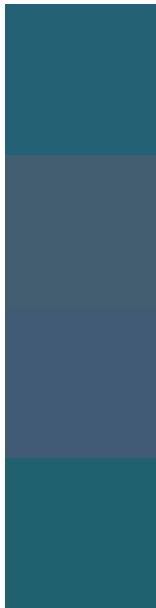
Dichromacy





Tritanopia
1D636B

Trichromacy



Original Color
236174

Protanomaly
425C70

Deuteranomaly
425B75

Tritanomaly
1F626E

Monochromacy



Original Color
236174

Achromatopsia
515151

Achromatomaly
40575E

CSS Examples

Text

The CSS property to change the color of the text to Hex 236174 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 #236174 looks like.

```
.text, #text, p{  
    color:#236174  
}
```

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 #236174 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #236174
}
```

Border

The CSS property to change the border of an element to Hex 236174 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
#236174 }
```

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

```
.border{ border-color:#236174 }
```

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

Here you see how a box with a 4 pixel #236174 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #236174; -webkit-box-shadow:4px 4px  
4px 4px #236174; box-shadow:4px 4px 4px  
4px #236174 }
```

Background

The CSS property to change the background color of an element to Hex 236174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#236174 }
```

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

```
.background{ background-color:#236174 }
```

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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