

Converting Colors

Hex(236776)

Have a look what the booklet for
Hex(236776) contains.

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Color

Hex(236776)

Conversions

Conversions Part 1

Format	Color
Hex	236776
RGB	35, 103, 118
RGB Percent	14%, 40%, 46%
CMY	0.8627, 0.5961, 0.5373
CMYK	0.70, 0.13, 0.00, 0.54
HSL	191°, 54%, 30%
HSV	191°, 70%, 46%
XYZ	8.8134, 11.3658, 18.8688
YIQ	84.3780, -45.3430, -9.7510

Conversions

Conversions Part 2

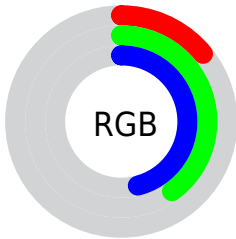
Format	Color
RYB	35, 72, 118
Decimal	2320246
CIELab	40.19, -15.89, -14.63
CIELCh	40, 21.594, 222.632
Yxy	11.3658, 0.2257, 0.2911
Android (android.graphics.Color)	4280510326 (0xFF236776)
YUV	84.3780, 16.5756, -43.3045
Hunter-Lab	33.7132, -12.3343, -9.5845

Details

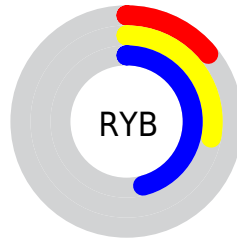
The Hex color **236776** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **763223**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5B9AAA**, and **003846** is the 20% darker color. If you saturate the color by 10%, you get **176576**, and if you desaturate by 10%, it is **2F6976**.

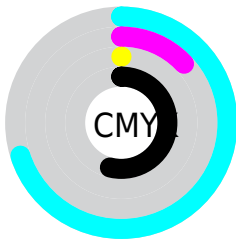
Distribution



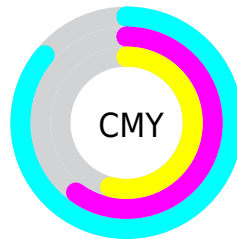
- Red (14%)
- Green (40%)
- Blue (46%)



- Red (14%)
- Yellow (28%)
- Blue (46%)



- Cyan (70%)
- Magenta (13%)
- Yellow (0%)
- Black (54%)



- Cyan (86%)
- Magenta (60%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 236776 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 236776 by changing the saturation by 10% instead.

■ 236776

■ 236776

FFFFFF

■ 004F5D

■ 5B9AAA

■ 003846

■ 76B5C5

■ 00222F

■ 92D1E1

■ 00031B

■ AEEDFE

■ 000000

■ CAFFFF

■ E7FFFF

■ 236776

■ 236776

■ 176576

■ 2F6976

■ 0B6376

■ 3B6B76

■ 006176

■ 466D76

■ 527076

■ 5E7276

■ 6A7476

■ 767676

■ 817876

■ 8D7A76

Harmonies

Analogous

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



276866



236776



376380

Triad

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



236776



7B536A



63603C

Complementary

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



236776



763223

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.



745A3D



236776



825158

Square

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



236776



6A5879



7F5448



506544

Rectangle

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



236776



496082



7F5448



695E3B

Sweetspot

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



236776



799399



237631



39494D



CCCCCC



4D4D4D

Same Dimension

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



236776



188299



233F76



353A3B



00647A



00CDFA

Inverse Universe

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



762367



991882



765A23



3B353A



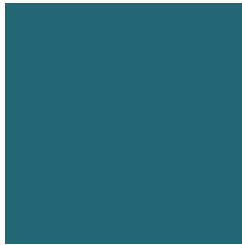
7A0064



FA00CD

Previews

White Background



This preview shows how the Hex color 236776 looks on a white background.

Color Contrast Check

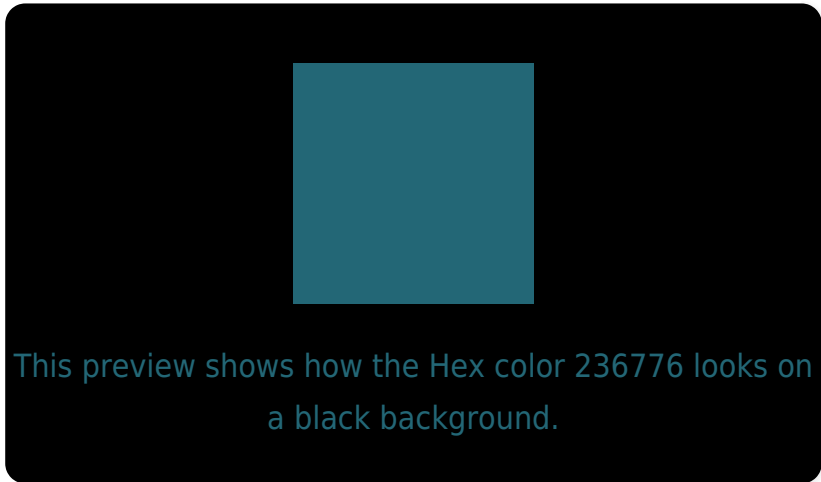
Large Text (above 18pt) WCAG AA ✓ Pass

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

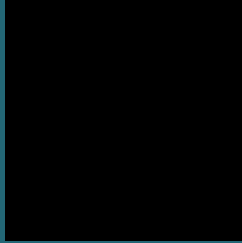
Any Text WCAG AA × Fail

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 236776 Background



This preview shows how black text looks on a background with the Hex color 236776.

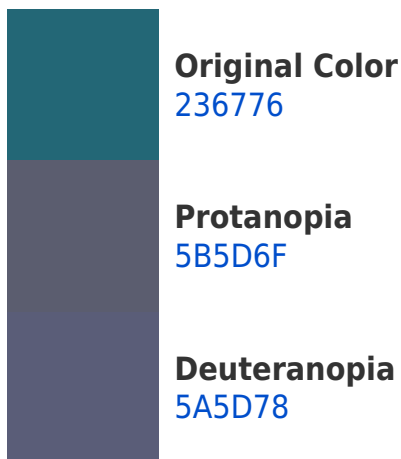


This preview shows how white text looks on a background with the Hex color 236776.

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](#).

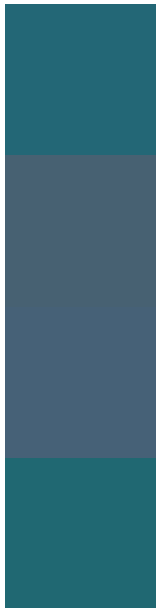
Dichromacy





Tritanopia
1F6870

Trichromacy



Original Color
236776

Protanomaly
476172

Deuteranomaly
466177

Tritanomaly
206872

Monochromacy



Original Color
236776

Achromatopsia
545454

Achromatomaly
425B60

CSS Examples

Text

The CSS property to change the color of the text to Hex 236776 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 #236776 looks like.

```
.text, #text, p{  
    color:#236776  
}
```

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 #236776 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #236776
}
```

Border

The CSS property to change the border of an element to Hex 236776 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
#236776 }
```

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

```
.border{ border-color:#236776 }
```

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

Here you see how a box with a 4 pixel #236776 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #236776; -webkit-box-shadow:4px 4px  
4px 4px #236776; box-shadow:4px 4px 4px  
4px #236776 }
```

Background

The CSS property to change the background color of an element to Hex 236776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#236776 }
```

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

```
.background{ background-color:#236776 }
```

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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