

Converting Colors

Hex(238096)

Have a look what the booklet for
Hex(238096) contains.

Hex(238096)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(238096)

Conversions

Conversions Part 1

Format	Color
Hex	238096
RGB	35, 128, 150
RGB Percent	14%, 50%, 59%
CMY	0.8627, 0.4980, 0.4118
CMYK	0.77, 0.15, 0.00, 0.41
HSL	191°, 62%, 36%
HSV	191°, 77%, 59%
XYZ	13.9173, 17.9977, 31.5945
YIQ	102.7010, -62.4900, -12.8740

Conversions

Conversions Part 2

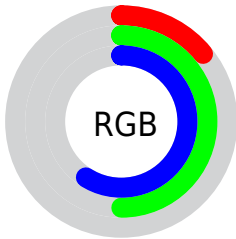
Format	Color
R_{YB}	35, 86, 150
Decimal	2326678
CIE _{Lab}	49.49, -18.76, -19.49
CIE _{LCh}	49, 27.051, 226.089
Yxy	17.9977, 0.2191, 0.2834
Android (android.graphics.Color)	4280516758 (0xFF238096)
YUV	102.7010, 23.3184, -59.3738
Hunter-Lab	42.4237, -15.6835, -14.4590

Details

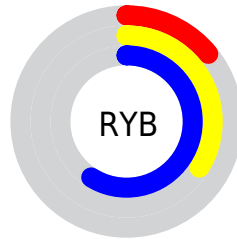
The Hex color **238096** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **963923**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **62B5CC**, and **004F63** is the 20% darker color. If you saturate the color by 10%, you get **147D96**, and if you desaturate by 10%, it is **328396**.

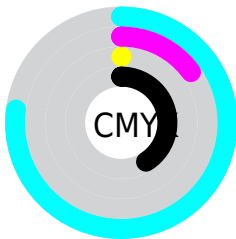
Distribution



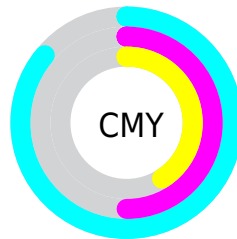
- Red (14%)
- Green (50%)
- Blue (59%)



- Red (14%)
- Yellow (34%)
- Blue (59%)



- Cyan (77%)
- Magenta (15%)
- Yellow (0%)
- Black (41%)



- Cyan (86%)
- Magenta (50%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 238096 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 238096 by changing the saturation by 10% instead.

■ 238096

■ 238096

FFFFFF

■ 00677C

■ 62B5CC

■ 004F63

■ 7FD1E8

■ 00384B

■ 9CEDFF

■ 002234

■ B9FFFF

■ 000220

■ D6FFFF

■ 000003

■ F4FFFF

■ 000000

■ 238096

■ 238096

■ 147D96

■ 328396

057A96

418696

007996

508996

5F8B96

6E8E96

7D9196

8C9496

9B9796

AA9A96

Harmonies

Analogous

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



268282



238096



447BA2

Triad

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



238096



9C6581



797849

Complementary

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



238096



963923

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.



8F7149



238096



A3646A

Square

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



238096



886B96



9E6956



5F7E55

Rectangle

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



238096



5D76A3



9E6956



817648

Sweetspot

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



238096



95B9C2



239638



465C61



E0E0E0



616161

Same Dimension

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



238096



10A0C2



234796



43494A



006F8A



00080A

Inverse Universe

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



962380



C210A0



967223



4A4349



8A006F



0A0008

Previews

White Background



This preview shows how the Hex color 238096 looks on a white background.

Color Contrast Check

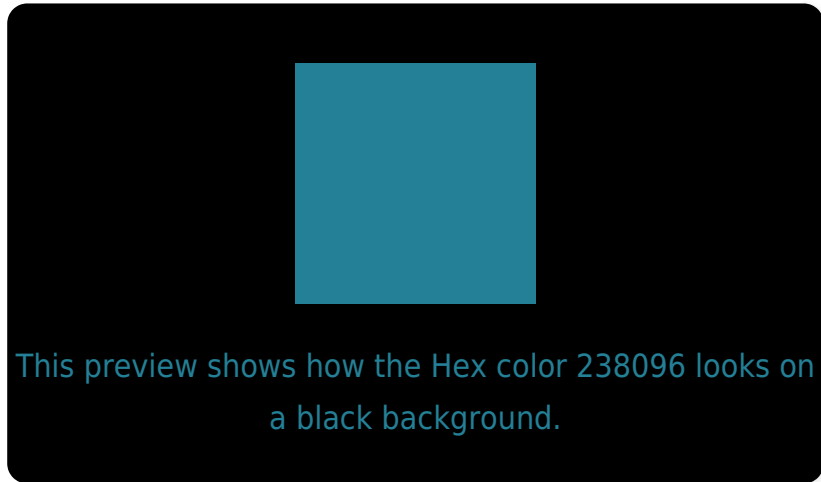
Large Text (above 18pt) WCAG AA ✓ Pass

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

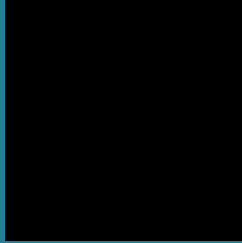
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 238096 Background



This preview shows how black text looks on a background with the Hex color 238096.

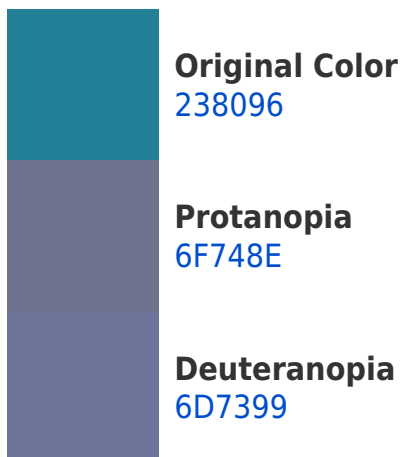


This preview shows how white text looks on a background with the Hex color 238096.

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](#).

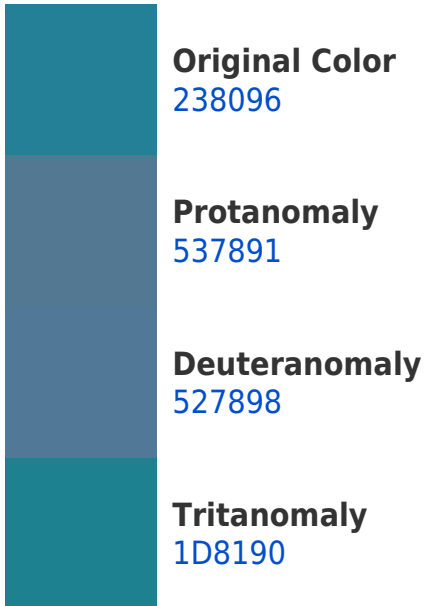
Dichromacy





Tritanopia
1A828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 238096 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 #238096 looks like.

```
.text, #text, p{  
    color:#238096  
}
```

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 #238096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #238096
}
```

Border

The CSS property to change the border of an element to Hex 238096 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
#238096 }
```

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

```
.border{ border-color:#238096 }
```

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

Here you see how a box with a 4 pixel #238096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #238096; -webkit-box-shadow:4px 4px  
4px 4px #238096; box-shadow:4px 4px 4px  
4px #238096 }
```

Background

The CSS property to change the background color of an element to Hex 238096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#238096 }
```

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

```
.background{ background-color:#238096 }
```

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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