

Converting Colors

Hex(238266)

Have a look what the booklet for
Hex(238266) contains.

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Color

Hex(238266)

Conversions

Conversions Part 1

Format	Color
Hex	238266
RGB	35, 130, 102
RGB Percent	14%, 51%, 40%
CMY	0.8627, 0.4902, 0.6000
CMYK	0.73, 0.00, 0.22, 0.49
HSL	162°, 58%, 32%
HSV	162°, 73%, 51%
XYZ	11.0740, 17.2819, 15.3224
YIQ	98.4030, -47.6320, -28.8480

Conversions

Conversions Part 2

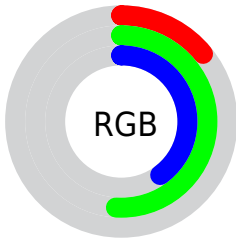
Format	Color
RYB	35, 91, 130
Decimal	2327142
CIELab	48.61, -34.30, 7.37
CIELCh	49, 35.082, 167.867
Yxy	17.2819, 0.2535, 0.3957
Android (android.graphics.Color)	4280517222 (0xFF238266)
YUV	98.4030, 1.7733, -55.6044
Hunter-Lab	41.5715, -25.2003, 7.2469

Details

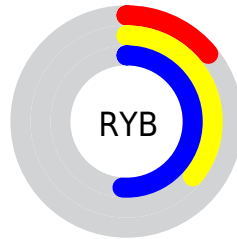
The Hex color **238266** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **82233F**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **5EB899**, and **005037** is the 20% darker color. If you saturate the color by 10%, you get **168262**, and if you desaturate by 10%, it is **30826A**.

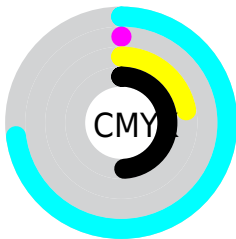
Distribution



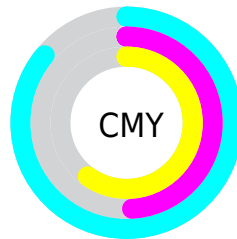
- Red (14%)
- Green (51%)
- Blue (40%)



- Red (14%)
- Yellow (36%)
- Blue (51%)



- Cyan (73%)
- Magenta (0%)
- Yellow (22%)
- Black (49%)



- Cyan (86%)
- Magenta (49%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 238266 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 238266 by changing the saturation by 10% instead.

 238266

 238266

FFFFFF

 00684E

 5EB899

 005037

 7AD4B4

 003822

 96F0CF

 00240C

 B2FFEC

 000000

 CFFFFFF

 ECFFFF

 238266

 238266

 168262

 30826A

09825E

3D826E

00825C

4A8271

578275

648279

71827D

7E8281

8B8285

988288

Harmonies

Analogous

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



527E4A



238266



008385

Triad

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



238266



6370AC



A46349

Complementary

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



238266



82233F

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.



AC5C63



238266



8C659C

Square

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



238266



217AAD



A55C81



906E39

Rectangle

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



238266



008197



A55C81



A86051

Sweetspot

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



238266



83A89D



408223



3E544E



D4D4D4



545454

Same Dimension

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



238266



14A87D



236F82



39403E



00805A



000000

Inverse Universe

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



82233F



A81440



823623



40393B



800026



000000

Previews

White Background



This preview shows how the Hex color 238266 looks on a white background.

Color Contrast Check

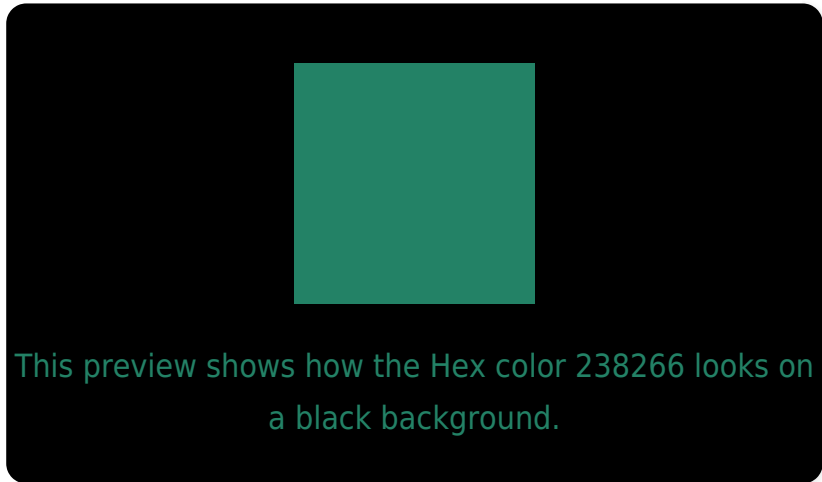
Large Text (above 18pt) WCAG AA ✓ Pass

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

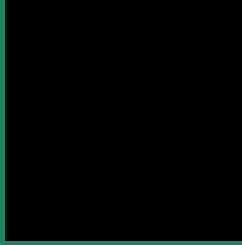
Any Text WCAG AA × Fail

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 238266 Background



This preview shows how black text looks on a background with the Hex color 238266.

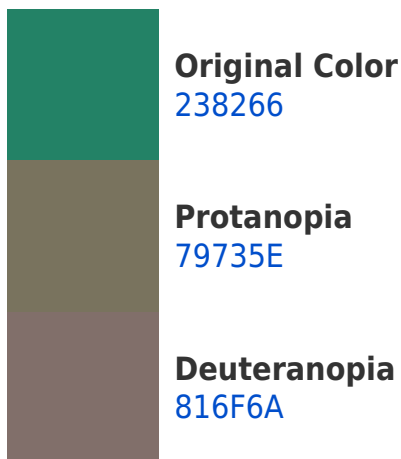



This preview shows how white text looks on a background with the Hex color 238266.

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
347D88

Trichromacy



Original Color
238266



Protanomaly
5A7861



Deuteranomaly
5F7669



Tritanomaly
2E7F7C

Monochromacy



Original Color
238266



Achromatopsia
626262



Achromatomaly
4B6E63

CSS Examples

Text

The CSS property to change the color of the text to Hex 238266 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 #238266 looks like.

```
.text, #text, p{  
    color:#238266  
}
```

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 #238266 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #238266  
}
```

Border

The CSS property to change the border of an element to Hex 238266 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  
#238266 }
```

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

```
.border{ border-color:#238266 }
```

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

Here you see how a box with a 4 pixel #238266 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #238266; -webkit-box-shadow:4px 4px  
4px 4px #238266; box-shadow:4px 4px 4px  
4px #238266 }
```

Background

The CSS property to change the background color of an element to Hex 238266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#238266 }
```

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

```
.background{ background-color:#238266 }
```

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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