

Converting Colors

Hex(268391)

Have a look what the booklet for
Hex(268391) contains.

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Color

Hex(268391)

Conversions

Conversions Part 1

Format	Color
Hex	268391
RGB	38, 131, 145
RGB Percent	15%, 51%, 57%
CMY	0.8510, 0.4863, 0.4314
CMYK	0.74, 0.10, 0.00, 0.43
HSL	188°, 58%, 36%
HSV	188°, 74%, 57%
XYZ	14.0265, 18.6890, 29.6561
YIQ	104.7890, -59.9220, -15.3620

Conversions

Conversions Part 2

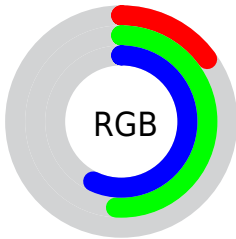
Format	Color
R_{YB}	38, 88, 145
Decimal	2524049
CIE _{Lab}	50.32, -21.64, -15.30
CIE _{LCh}	50, 26.503, 215.249
Yxy	18.6890, 0.2249, 0.2996
Android (android.graphics.Color)	4280714129 (0xFF268391)
YUV	104.7890, 19.8240, -58.5740
Hunter-Lab	43.2308, -17.7386, -10.4111

Details

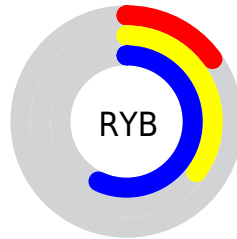
The Hex color **268391** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **913426**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **64B8C7**, and **00515F** is the 20% darker color. If you saturate the color by 10%, you get **178191**, and if you desaturate by 10%, it is **358591**.

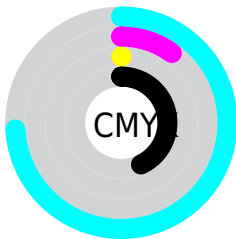
Distribution



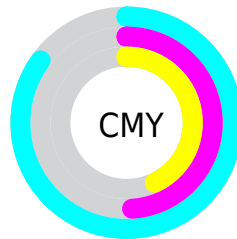
- Red (15%)
- Green (51%)
- Blue (57%)



- Red (15%)
- Yellow (35%)
- Blue (57%)



- Cyan (74%)
- Magenta (10%)
- Yellow (0%)
- Black (43%)



- Cyan (85%)
- Magenta (49%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 268391 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 268391 by changing the saturation by 10% instead.

 268391

 268391

FFFFFF

 006A77

 64B8C7

 00515F

 80D4E3

 003A47

 9DF0FF

 002430

 BAF0FF

 00041C

 D7F0FF

 000000

 F4F0FF

 268391

 268391

 178191

 358591

097F91

438791

007E91

528991

608B91

6F8C91

7D8E91

8B9091

9A9291

A99491

Harmonies

Analogous

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



35847B



268391



3B7FA0

Triad

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



268391



98698B



83784A

Complementary

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



268391



913426

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.



97704F



268391



A36675

Square

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



268391



80709D



A2695F



6B7E52

Rectangle

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



268391



537BA4



A2695F



8A754B

Sweetspot

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



268391



93B7BD



269132



465B5E



DEDEDE



5E5E5E

Same Dimension

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



268391



15A7BD



264F91



404647



007587



000708

Inverse Universe

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



912683



BD15A7



916826



474046



870075



080007

Previews

White Background



This preview shows how the Hex color 268391 looks on a white background.

Color Contrast Check

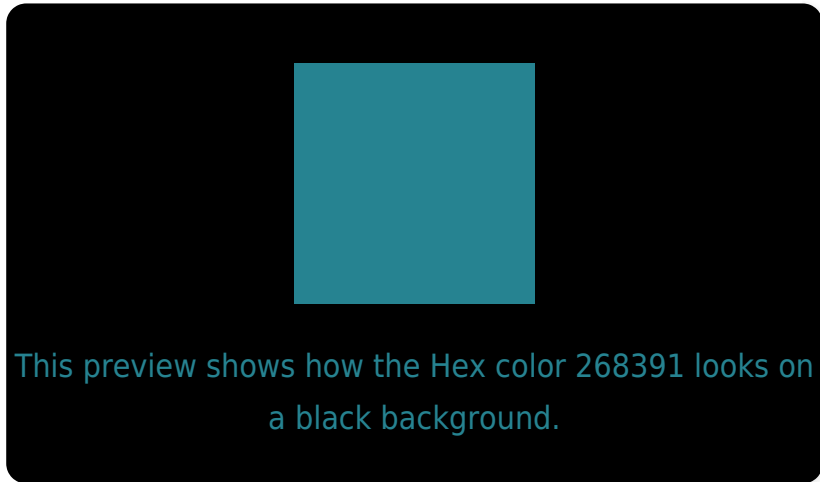
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

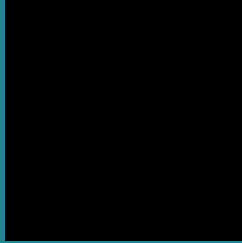
Any Text WCAG AA ✓ Pass

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 268391 Background



This preview shows how black text looks on a background with the Hex color 268391.

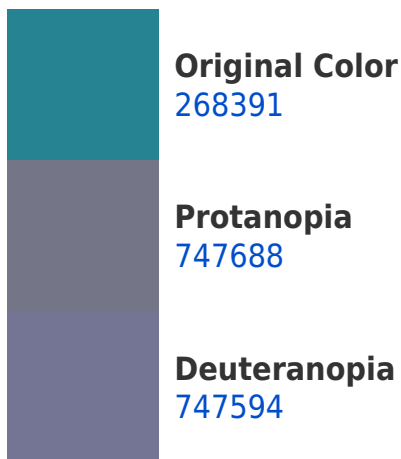


This preview shows how white text looks on a background with the Hex color 268391.

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](#).

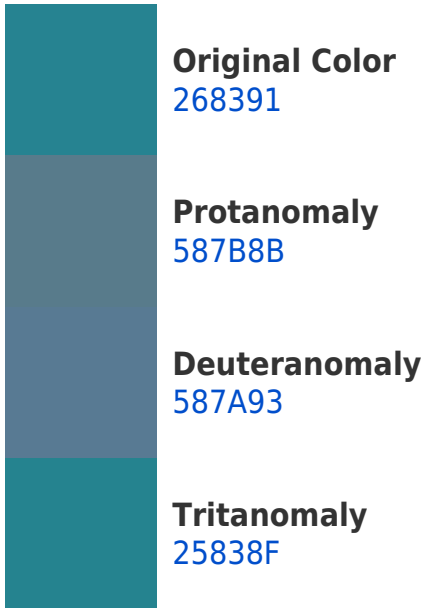
Dichromacy



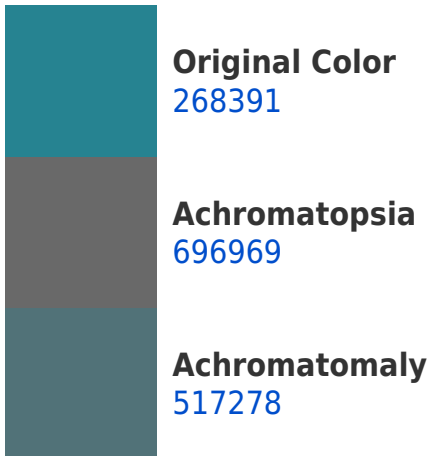


Tritanopia
24838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 268391 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 #268391 looks like.

```
.text, #text, p{  
    color:#268391  
}
```

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 #268391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #268391
}
```

Border

The CSS property to change the border of an element to Hex 268391 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
#268391 }
```

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

```
.border{ border-color:#268391 }
```

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

Here you see how a box with a 4 pixel #268391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #268391; -webkit-box-shadow:4px 4px  
4px 4px #268391; box-shadow:4px 4px 4px  
4px #268391 }
```

Background

The CSS property to change the background color of an element to Hex 268391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#268391 }
```

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

```
.background{ background-color:#268391 }
```

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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