

Converting Colors

Hex(238BBC)

Have a look what the booklet for
Hex(238BBC) contains.

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Color

Hex(238BBC)

Conversions

Conversions Part 1

Format	Color
Hex	238BBC
RGB	35, 139, 188
RGB Percent	14%, 55%, 74%
CMY	0.8627, 0.4549, 0.2627
CMYK	0.81, 0.26, 0.00, 0.26
HSL	199°, 69%, 44%
HSV	199°, 81%, 74%
XYZ	19.0029, 22.4534, 50.9093
YIQ	113.4900, -77.7130, -6.8090

Conversions

Conversions Part 2

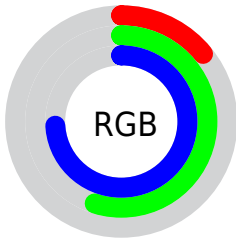
Format	Color
R _Y B	35, 97, 188
Decimal	2329532
CIE Lab	54.50, -11.53, -33.67
CIE LCh	55, 35.590, 251.094
Yxy	22.4534, 0.2057, 0.2431
Android (android.graphics.Color)	4280519612 (0xFF238BBC)
YUV	113.4900, 36.7334, -68.8357
Hunter-Lab	47.3850, -11.3398, -30.5302

Details

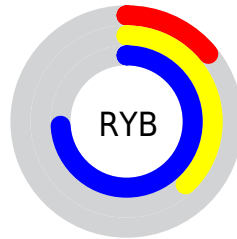
The Hex color **238BBC** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **BC5423**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **6AC0F4**, and **005986** is the 20% darker color. If you saturate the color by 10%, you get **1085BC**, and if you desaturate by 10%, it is **3691BC**.

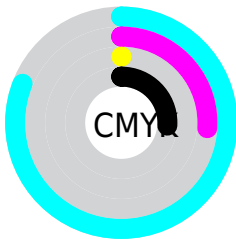
Distribution



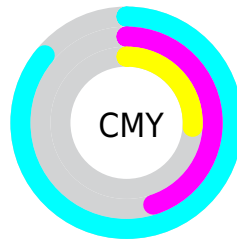
- Red (14%)
- Green (55%)
- Blue (74%)



- Red (14%)
- Yellow (38%)
- Blue (74%)



- Cyan (81%)
- Magenta (26%)
- Yellow (0%)
- Black (26%)



- Cyan (86%)
- Magenta (45%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 238BBC 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 238BBC by changing the saturation by 10% instead.

 238BBC

 238BBC

FFFFFF

 0072A1

 6AC0F4

 005986

 88DCFF

 00426D

 A6F9FF

 002C54

 C4FFFF

 00183D

 E2FFFF

 000327

 000110

 000000

 238BBC

 238BBC

■ 1085BC

■ 3691BC

■ 0080BC

■ 4997BC

■ 5B9DBC

■ 6EA3BC

■ 81A9BC

■ 94AFBC

■ A7B5BC

■ B9BBBC

■ CCC1BC

Harmonies

Analogous

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



0091AA



238BBC



6682BF

Triad

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



238BBC



BD6A78



698C53

Complementary

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



238BBC



BC5423

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.



8B8445



238BBC



B86F5B

Square

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



238BBC



B26C97



A67A48



40916D

Rectangle

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



238BBC



877AB7



A67A48



758A4C

Sweetspot

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



238BBC



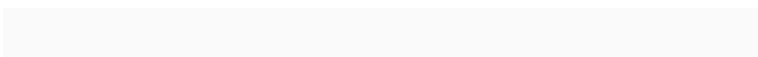
BAE2F5



23BC53



576F7A



FAFAFA



7A7A7A

Same Dimension

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



238BBC



05A8F5



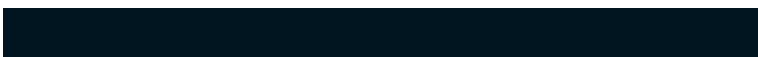
233FBC



555B5E



006B9E



00151F

Inverse Universe

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



BC238B



F505A8



BCA023



5E555B



9E006B



1F0015

Previews

White Background



This preview shows how the Hex color 238BBC looks on a white background.

Color Contrast Check

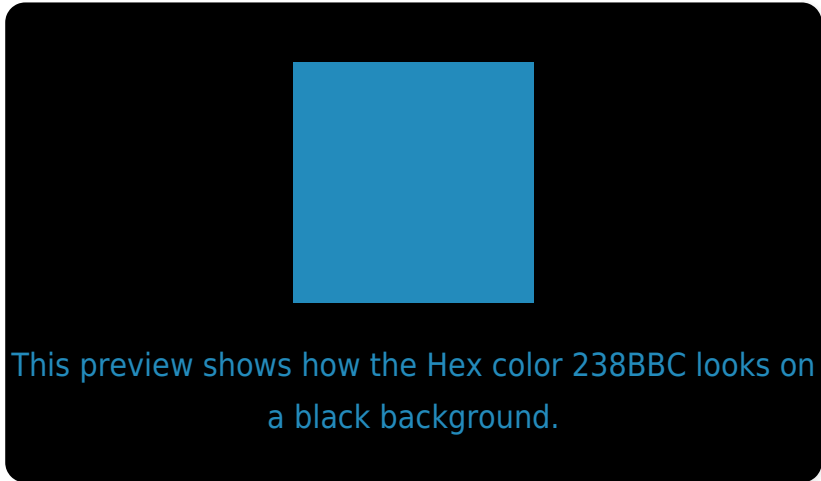
Large Text (above 18pt) WCAG AA ✓ Pass

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

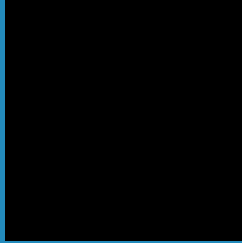
Any Text WCAG AA ✓ Pass

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 238BBC Background



This preview shows how black text looks on a background with the Hex color 238BBC.



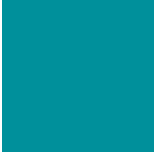
This preview shows how white text looks on a background with the Hex color 238BBC.

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](#).

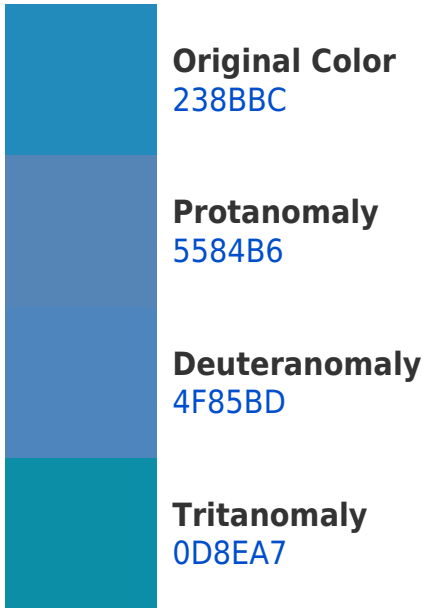
Dichromacy



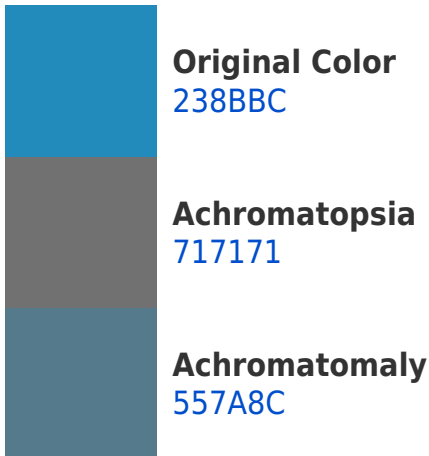


Tritanopia
00909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 238BBC 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 #238BBC looks like.

```
.text, #text, p{  
    color:#238BBC  
}
```

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 #238BBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #238BBC
}
```

Border

The CSS property to change the border of an element to Hex 238BBC is called "border". The border property can be set on classes, ids or directly on the HTML element.

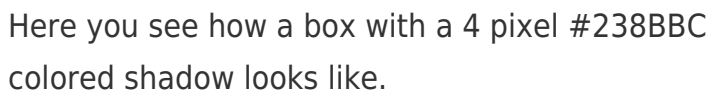
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#238BBC }
```

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

```
.border{ border-color:#238BBC }
```

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



Here you see how a box with a 4 pixel #238BBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #238BBC; -webkit-box-shadow:4px 4px  
4px 4px #238BBC; box-shadow:4px 4px 4px  
4px #238BBC }
```

Background

The CSS property to change the background color of an element to Hex 238BBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#238BBC }
```

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

```
.background{ background-color:#238BBC }
```

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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