

Converting Colors

Hex(393ABB)

Have a look what the booklet for
Hex(393ABB) contains.

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Color

Hex(393ABB)

Conversions

Conversions Part 1

Format	Color
Hex	393ABB
RGB	57, 58, 187
RGB Percent	22%, 23%, 73%
CMY	0.7765, 0.7725, 0.2667
CMYK	0.70, 0.69, 0.00, 0.27
HSL	240°, 53%, 48%
HSV	240°, 70%, 73%
XYZ	12.1700, 7.4838, 47.8168
YIQ	72.4070, -42.0050, 39.9070

Conversions

Conversions Part 2

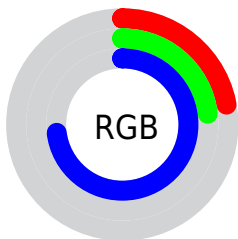
Format	Color
R_{YB}	57, 58, 187
Decimal	3750587
CIE _{Lab}	32.88, 41.31, -67.74
CIE _{LCh}	33, 79.339, 301.374
Yxy	7.4838, 0.1804, 0.1109
Android (android.graphics.Color)	4281940667 (0xFF393ABB)
YUV	72.4070, 56.4943, -13.5119
Hunter-Lab	27.3566, 31.5347, -84.4839

Details

The Hex color **393ABB** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **BBBA39**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **796AF4**, and **000E84** is the 20% darker color. If you saturate the color by 10%, you get **2627BB**, and if you desaturate by 10%, it is **4C4DBB**.

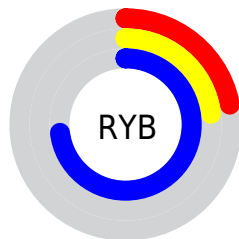
Distribution



Red (22%)

Green (23%)

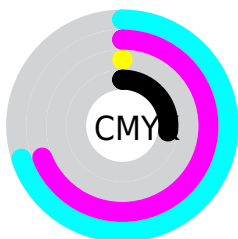
Blue (73%)



Red (22%)

Yellow (23%)

Blue (73%)

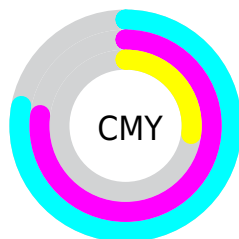


Cyan (70%)

Magenta (69%)

Yellow (0%)

Black (27%)



Cyan (78%)

Magenta (77%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 393ABB 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 393ABB by changing the saturation by 10% instead.

 393ABB

 393ABB

FFFFFF

 02249F

 796AF4

 000E84

 9784FF

 00006A

 B59EFF

 000251

 D3B9FF

 000539

 F1D5FF

 000223

 FFF1FF

 000009

 000000

 393ABB

 393ABB

■ 2627BB

■ 4C4DBB

■ 1415BB

■ 5E5FBB

■ 0102BB

■ 7172BB

■ 0001BB

■ 8484BB

■ 9697BB

■ A9A9BB

■ BCBCBB

■ CFCEBB

■ E1E1BB

Harmonies

Analogous

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



0057CE



393ABB



96008B

Triad

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



393ABB



8C2E00



00644F

Complementary

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



393ABB



BBBA39

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.



006101



393ABB



5D4D00

Square

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



393ABB



AC0010



0F5B00



00658E

Rectangle

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



393ABB



AD0062



0F5B00



006339

Sweetspot

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



393ABB



BFC0F2



39BBB9



5C5C7A



FAFAFA



7A7A7A

Same Dimension

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



393ABB



292BF2



7839BB



55555E



00019E



00001F

Inverse Universe

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



BB393A



F2292B



7CBB39



5E5555



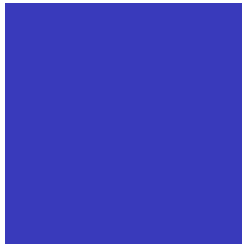
9E0001



1F0000

Previews

White Background



This preview shows how the Hex color 393ABB looks on a white background.

Color Contrast Check

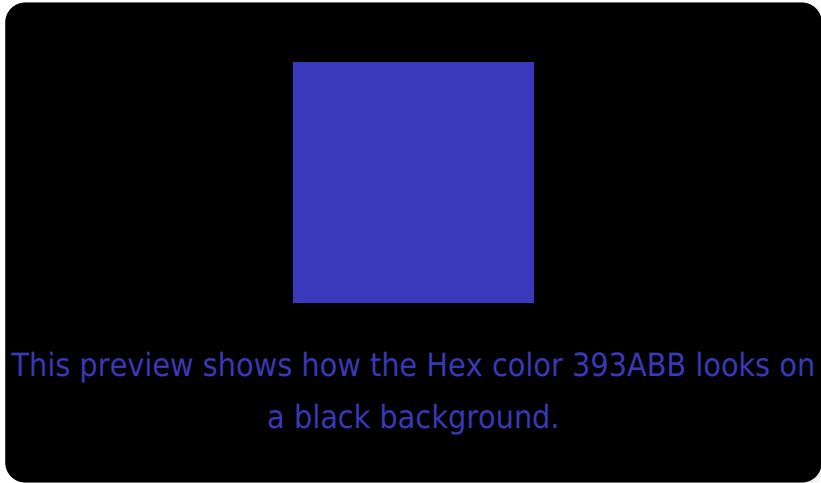
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

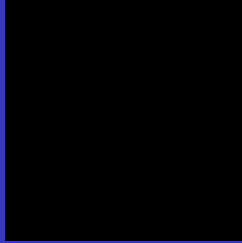
Any Text WCAG AA × Fail

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 393ABB Background



This preview shows how black text looks on a background with the Hex color 393ABB.

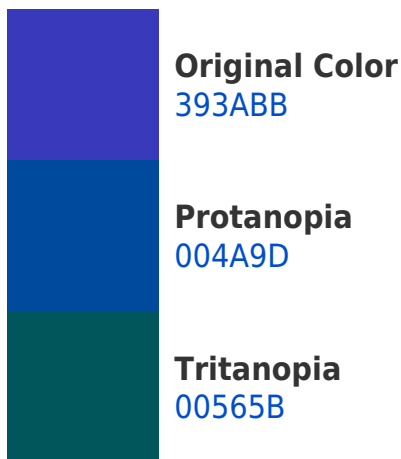


This preview shows how white text looks on a background with the Hex color 393ABB.

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



Trichromacy



Original Color
393ABB

Protanomaly
1544A8

Tritanomaly
154C7E

Monochromacy



Original Color
393ABB

Achromatopsia
484848

Achromatomaly
434372

CSS Examples

Text

The CSS property to change the color of the text to Hex 393ABB 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 #393ABB looks like.

```
.text, #text, p{  
    color:#393ABB  
}
```

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 #393ABB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #393ABB
}
```

Border

The CSS property to change the border of an element to Hex 393ABB 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
#393ABB }
```

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

```
.border{ border-color:#393ABB }
```

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

Here you see how a box with a 4 pixel #393ABB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #393ABB; -webkit-box-shadow:4px 4px  
4px 4px #393ABB; box-shadow:4px 4px 4px  
4px #393ABB }
```

Background

The CSS property to change the background color of an element to Hex 393ABB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#393ABB }
```

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

```
.background{ background-color:#393ABB }
```

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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