

# Converting Colors

Hex(2273AB)

Have a look what the booklet for  
Hex(2273AB) contains.

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# Color

Hex(2273AB)

# Conversions

## Conversions Part 1

Format	Color
Hex	2273AB
RGB	34, 115, 171
RGB Percent	13%, 45%, 67%
CMY	0.8667, 0.5490, 0.3294
CMYK	0.80, 0.33, 0.00, 0.33
HSL	205°, 67%, 40%
HSV	205°, 80%, 67%
XYZ	14.1411, 15.5418, 40.7826
YIQ	97.1650, -66.2520, 0.2440

# Conversions

## Conversions Part 2

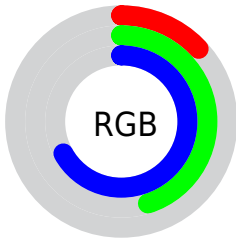
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 85, 171
Decimal	2257835
CIE <sub>Lab</sub>	46.37, -3.88, -36.64
CIE <sub>LCh</sub>	46, 36.843, 263.950
Yxy	15.5418, 0.2007, 0.2206
Android (android.graphics.Color)	4280447915 (0xFF2273AB)
<b>YUV</b>	97.1650, 36.4007, -55.3957
Hunter-Lab	39.4231, -4.9624, -33.7384

# Details

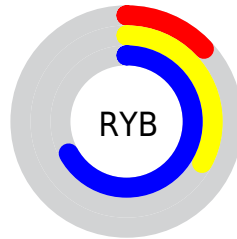
The Hex color **2273AB** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AB5A22**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **65A7E3**, and **004376** is the 20% darker color. If you saturate the color by 10%, you get **116CAB**, and if you desaturate by 10%, it is **337AAB**.

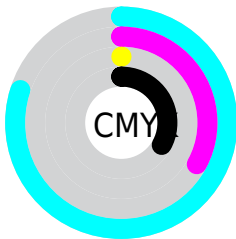
# Distribution



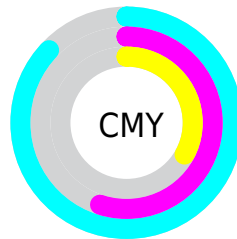
- Red (13%)
- Green (45%)
- Blue (67%)



- Red (13%)
- Yellow (33%)
- Blue (67%)



- Cyan (80%)
- Magenta (33%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (55%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2273AB 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 2273AB by changing the saturation by 10% instead.



■ 2273AB

■ 2273AB

FFFFFF

■ 005B90

■ 65A7E3

■ 004376

■ 82C2FF

■ 002E5D

■ 9FDEFF

■ 001A45

■ BDFAFF

■ 00042F

■ DAFFFF

■ 000119

■ F8FFFF

■ 000000

■ 2273AB

■ 2273AB

■ 116CAB

■ 337AAB

0065AB

4481AB

5588AB

668FAB

7796AB

899DAB

9AA4AB

ABABAB

BCB2AB

# Harmonies

## Analogous

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



007A9F



2273AB



6668A6

# Triad

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



2273AB



A85656



427A48

# Complementary

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



2273AB



AB5A22

# 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.



677433



2273AB



9C5F3D

# Square

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



2273AB



A45475



866A2F



007D66

# Rectangle

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



2273AB



83609B



866A2F



507840



# Sweetspot

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



2273AB



A9C8DE



22AB59



506370



F0F0F0



707070



# Same Dimension

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



2273AB



0987DE



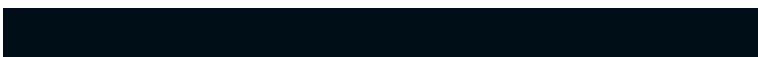
2230AB



4E5357



005996



000E17



# Inverse Universe

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



AB2273



DE0987



AB9D22



574E53



960059



17000E



# Previews

## White Background



This preview shows how the Hex color 2273AB looks on a white background.

## Color Contrast Check

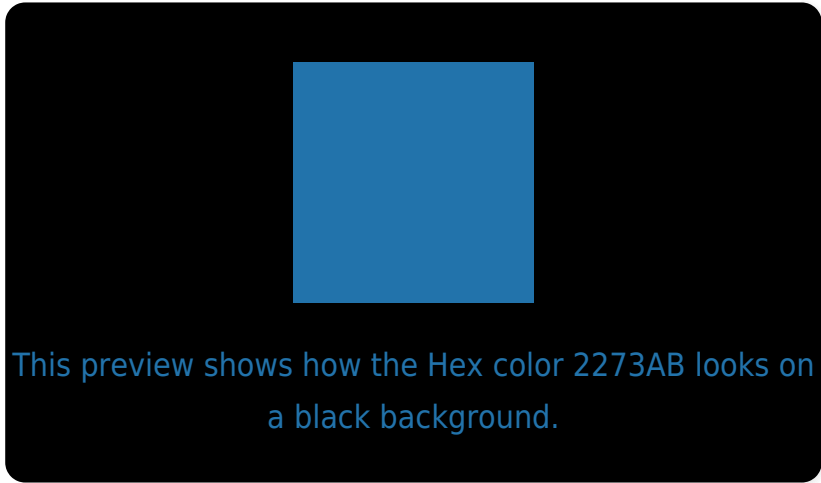
Large Text (above 18pt) WCAG AA ✓ Pass

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

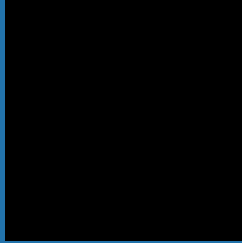
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2273AB Background



This preview shows how black text looks on a background with the Hex color 2273AB.

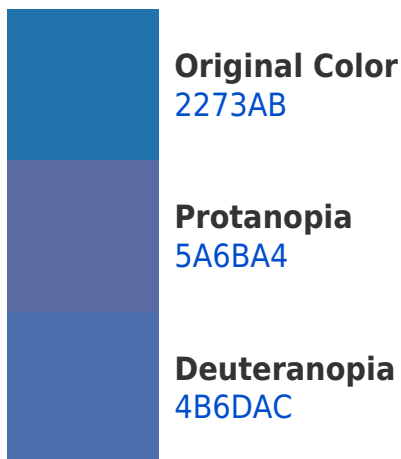


This preview shows how white text looks on a background with the Hex color 2273AB.

# 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](#).

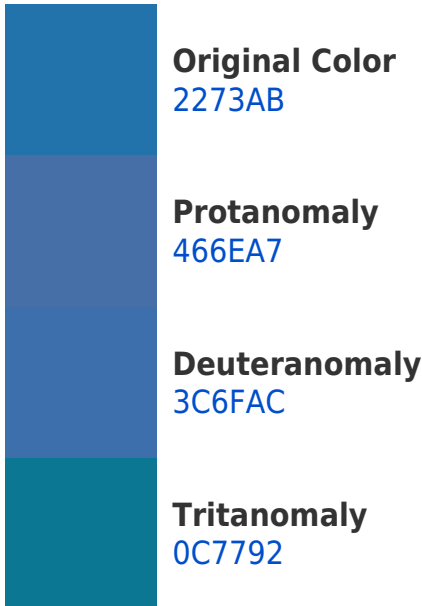
## Dichromacy



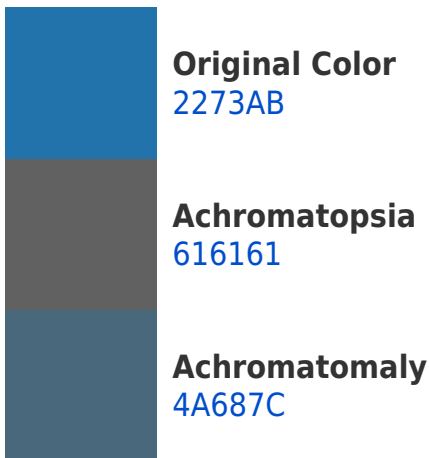


**Tritanopia**  
007A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2273AB 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 #2273AB looks like.

```
.text, #text, p{  
    color:#2273AB  
}
```

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 #2273AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2273AB
}
```

## Border

The CSS property to change the border of an element to Hex 2273AB 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
#2273AB }
```

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

```
.border{ border-color:#2273AB }
```

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

Here you see how a box with a 4 pixel #2273AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2273AB; -webkit-box-shadow:4px 4px  
4px 4px #2273AB; box-shadow:4px 4px 4px  
4px #2273AB }
```

# Background

The CSS property to change the background color of an element to Hex 2273AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2273AB }
```

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

```
.background{ background-color:#2273AB }
```

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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