

Converting Colors

Hex(23257A)

Have a look what the booklet for
Hex(23257A) contains.

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Color

Hex(23257A)

Conversions

Conversions Part 1

Format	Color
Hex	23257A
RGB	35, 37, 122
RGB Percent	14%, 15%, 48%
CMY	0.8627, 0.8549, 0.5216
CMYK	0.71, 0.70, 0.00, 0.52
HSL	239°, 55%, 31%
HSV	239°, 71%, 48%
XYZ	4.8676, 3.0856, 18.7514
YIQ	46.0920, -28.4770, 26.0110

Conversions

Conversions Part 2

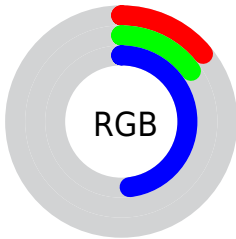
Format	Color
R _Y B	35, 37, 122
Decimal	2303354
CIE Lab	20.38, 28.85, -48.54
CIE LCh	20, 56.470, 300.727
Yxy	3.0856, 0.1823, 0.1155
Android (android.graphics.Color)	4280493434 (0xFF23257A)
YUV	46.0920, 37.4226, -9.7277
Hunter-Lab	17.5659, 18.7226, -50.9953

Details

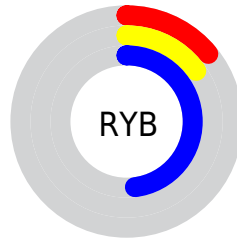
The Hex color **23257A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **7A7823**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **5D52AF**, and **000048** is the 20% darker color. If you saturate the color by 10%, you get **17197A**, and if you desaturate by 10%, it is **2F317A**.

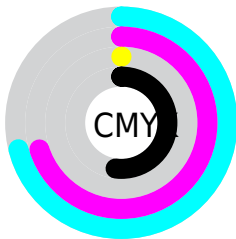
Distribution



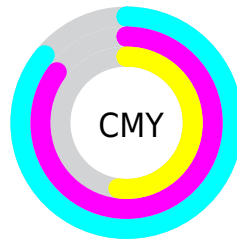
- Red (14%)
- Green (15%)
- Blue (48%)



- Red (14%)
- Yellow (15%)
- Blue (48%)



- Cyan (71%)
- Magenta (70%)
- Yellow (0%)
- Black (52%)



- Cyan (86%)
- Magenta (85%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23257A 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 23257A by changing the saturation by 10% instead.

■ 23257A

■ 23257A

FFFFFF

■ 001161

■ 5D52AF

■ 000048

■ 786BCB

■ 000431

■ 9484E8

■ 00011B

■ B09EFF

■ 000000

■ CDB9FF

■ EAD5FF

■ FFF1FF

■ 23257A

■ 23257A

■ 17197A

■ 2F317A

■ 0B0D7A

■ 3B3D7A

■ 00037A

■ 48497A

■ 54557A

■ 60617A

■ 6C6D7A

■ 78787A

■ 85847A

■ 91907A

Harmonies

Analogous

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



003786



23257A



60005B

Triad

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



23257A



5C1C00



004031

Complementary

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



23257A



7A7823

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.



003E00



23257A



3D3000

Square

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



23257A



710007



0E3A00



00415B

Rectangle

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



23257A



710040



0E3A00



004022

Sweetspot

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



23257A



7D7E9E



237A77



3B3C4F



CFCFCF



4F4F4F

Same Dimension

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



23257A



16199E



4C237A



37373D



00037D



0006FC

Inverse Universe

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



7A2325



9E1619



517A23



3D3737



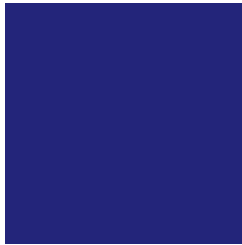
7D0003



FC0006

Previews

White Background



This preview shows how the Hex color 23257A looks on a white background.

Color Contrast Check

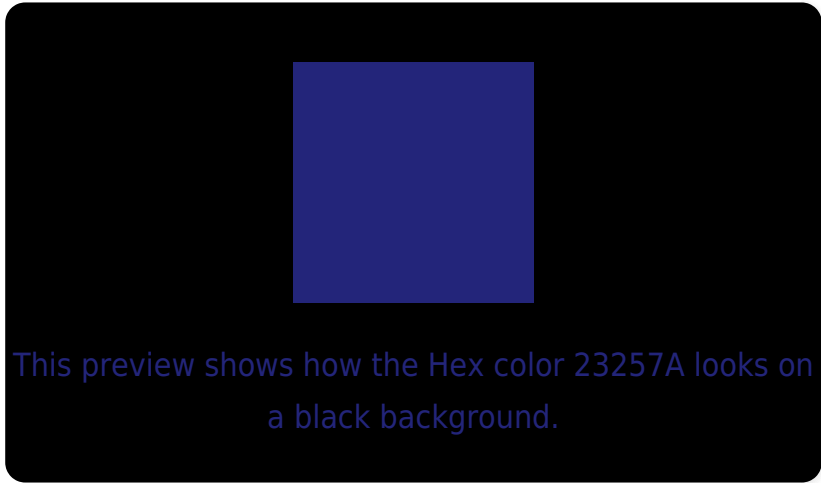
Large Text (above 18pt) WCAG AA ✓ Pass

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

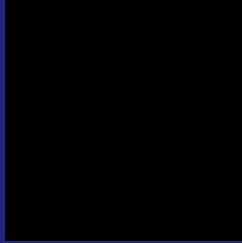
Any Text WCAG AA × Fail

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 23257A Background



This preview shows how black text looks on a background with the Hex color 23257A.



This preview shows how white text looks on a background with the Hex color 23257A.

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



Original Color
23257A

Protanopia
003065

Deuteranopia
003356



Tritanopia
00373B

Trichromacy



Original Color
23257A

Protanomaly
0D2C6D

Deuteranomaly
0D2E63

Tritanomaly
0D3052

Monochromacy



Original Color
23257A

Achromatopsia
2E2E2E

Achromatomaly
2A2B4A

CSS Examples

Text

The CSS property to change the color of the text to Hex 23257A 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 #23257A looks like.

```
.text, #text, p{  
    color:#23257A  
}
```

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 #23257A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23257A
}
```

Border

The CSS property to change the border of an element to Hex 23257A 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
#23257A }
```

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

```
.border{ border-color:#23257A }
```

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

Here you see how a box with a 4 pixel #23257A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23257A; -webkit-box-shadow:4px 4px  
4px 4px #23257A; box-shadow:4px 4px 4px  
4px #23257A }
```

Background

The CSS property to change the background color of an element to Hex 23257A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23257A }
```

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

```
.background{ background-color:#23257A }
```

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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