

Converting Colors

Hex(233489)

Have a look what the booklet for
Hex(233489) contains.

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Color

Hex(233489)

Conversions

Conversions Part 1

Format	Color
Hex	233489
RGB	35, 52, 137
RGB Percent	14%, 20%, 54%
CMY	0.8627, 0.7961, 0.4627
CMYK	0.74, 0.62, 0.00, 0.46
HSL	230°, 59%, 34%
HSV	230°, 74%, 54%
XYZ	6.4365, 4.6195, 24.2193
YIQ	56.6070, -37.4170, 22.8310

Conversions

Conversions Part 2

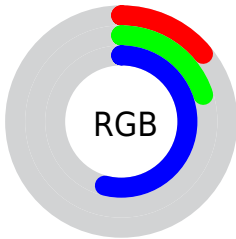
Format	Color
R_{YB}	35, 50, 137
Decimal	2307209
CIE _{Lab}	25.62, 24.40, -49.42
CIE _{LCh}	26, 55.112, 296.275
Yxy	4.6195, 0.1825, 0.1310
Android (android.graphics.Color)	4280497289 (0xFF233489)
YUV	56.6070, 39.6337, -18.9493
Hunter-Lab	21.4929, 15.8428, -51.7660

Details

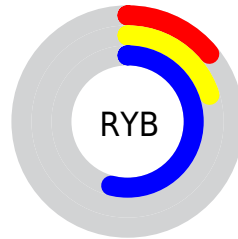
The Hex color **233489** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **897823**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **5F62BF**, and **000B56** is the 20% darker color. If you saturate the color by 10%, you get **152989**, and if you desaturate by 10%, it is **313F89**.

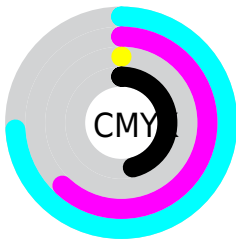
Distribution



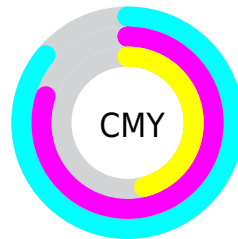
- Red (14%)
- Green (20%)
- Blue (54%)



- Red (14%)
- Yellow (20%)
- Blue (54%)



- Cyan (74%)
- Magenta (62%)
- Yellow (0%)
- Black (46%)



- Cyan (86%)
- Magenta (80%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 233489 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 233489 by changing the saturation by 10% instead.

■ 233489

■ 233489

FFFFFF

■ 001F6F

■ 5F62BF

■ 000B56

■ 7B7BDB

■ 00023E

■ 9795F8

■ 000327

■ B4B0FF

■ 000111

■ D0CBFF

■ 000000

■ EEE7FF

■ 233489

■ 233489

■ 152989

■ 313F89

■ 081D89

■ 3E4B89

■ 001789

■ 4C5689

■ 5A6289

■ 686D89

■ 757989

■ 838489

■ 918F89

■ 9E9B89

Harmonies

Analogous

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



004492



233489



68176C

Triad

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



233489



6E2500



004D36

Complementary

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



233489



897823

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.



004B05



233489



503900

Square

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



233489



80001B



284500



004E61

Rectangle

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



233489



7B0052



284500



004C27

Sweetspot

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



233489



8B92B3



238978



424659



D9D9D9



595959

Same Dimension

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



233489



142EB3



452389



3E3F45



001685



000105

Inverse Universe

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



892334



B3142E



678923



453E3F



850016



050001

Previews

White Background



This preview shows how the Hex color 233489 looks on a white background.

Color Contrast Check

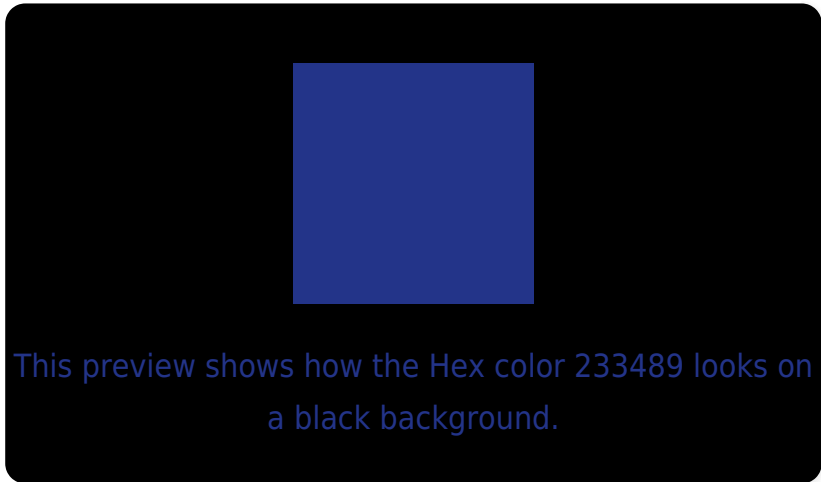
Large Text (above 18pt) WCAG AA ✓ Pass

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

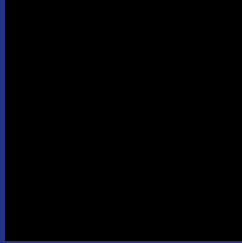
Any Text WCAG AA × Fail

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 233489 Background



This preview shows how black text looks on a background with the Hex color 233489.



This preview shows how white text looks on a background with the Hex color 233489.

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
233489

Protanopia
003B7C

Deuteranopia
003E6A



Tritanopia
004448

Trichromacy



Original Color
233489

Protanomaly
0D3881

Deuteranomaly
0D3A75

Tritanomaly
0D3E60

Monochromacy



Original Color
233489

Achromatopsia
393939

Achromatomaly
313756

CSS Examples

Text

The CSS property to change the color of the text to Hex 233489 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 #233489 looks like.

```
.text, #text, p{  
    color:#233489  
}
```

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 #233489 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #233489
}
```

Border

The CSS property to change the border of an element to Hex 233489 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
#233489 }
```

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

```
.border{ border-color:#233489 }
```

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

Here you see how a box with a 4 pixel #233489 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #233489; -webkit-box-shadow:4px 4px  
4px 4px #233489; box-shadow:4px 4px 4px  
4px #233489 }
```

Background

The CSS property to change the background color of an element to Hex 233489 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#233489 }
```

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

```
.background{ background-color:#233489 }
```

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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