

Converting Colors

Hex(232AAF)

Have a look what the booklet for
Hex(232AAF) contains.

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Color

Hex(232AAF)

Conversions

Conversions Part 1

Format	Color
Hex	232AAF
RGB	35, 42, 175
RGB Percent	14%, 16%, 69%
CMY	0.8627, 0.8353, 0.3137
CMYK	0.80, 0.76, 0.00, 0.31
HSL	237°, 67%, 41%
HSV	237°, 80%, 69%
XYZ	9.2590, 5.1084, 41.0555
YIQ	55.0690, -46.8650, 39.8790

Conversions

Conversions Part 2

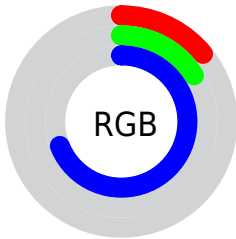
Format	Color
R_{YB}	35, 42, 175
Decimal	2304687
CIE Lab	27.04, 44.54, -70.28
CIE LCh	27, 83.204, 302.364
Yxy	5.1084, 0.1671, 0.0922
Android (android.graphics.Color)	4280494767 (0xFF232AAF)
YUV	55.0690, 59.1260, -17.6005
Hunter-Lab	22.6018, 33.5706, -91.8773

Details

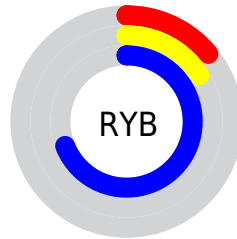
The Hex color **232AAF** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **AFA823**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **6A59E8**, and **000179** is the 20% darker color. If you saturate the color by 10%, you get **1119AF**, and if you desaturate by 10%, it is **353BAF**.

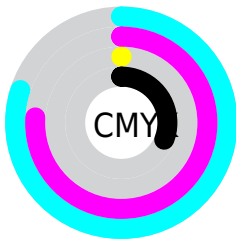
Distribution



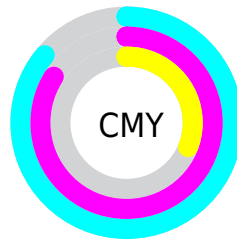
- Red (14%)
- Green (16%)
- Blue (69%)



- Red (14%)
- Yellow (16%)
- Blue (69%)



- Cyan (80%)
- Magenta (76%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (84%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 232AAF 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 232AAF by changing the saturation by 10% instead.

■ 232AAF

■ 232AAF

FFFFFF

■ 001494

■ 6A59E8

■ 000179

■ 8872FF

■ 00005F

■ A68CFF

■ 000846

■ C4A7FF

■ 00042F

■ E2C2FF

■ 000119

■ FFDEFF

■ 000000

■ FFFBFF

■ 232AAF

■ 232AAF

■ 1119AF

■ 353BAF

■ 0009AF

■ 464BAF

■ 585CAF

■ 696CAF

■ 7A7DAF

■ 8C8EAF

■ 9E9EAF

■ AFAFAF

■ C1C0AF

Harmonies

Analogous

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



004AC4



232AAF



8A007D

Triad

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



232AAF



7B1E00



005544

Complementary

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



232AAF



AFA823

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.



005300



232AAF



4B4000

Square

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



232AAF



9C0000



004D00



005684

Rectangle

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



232AAF



A00053



004D00



00542D

Sweetspot

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



232AAF



ACAFE3



23AFA8



515373



F2F2F2



737373

Same Dimension

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



232AAF



0914E3



6223AF



4E4E57



000896



000117

Inverse Universe

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



AF232A



E30914



70AF23



574E4E



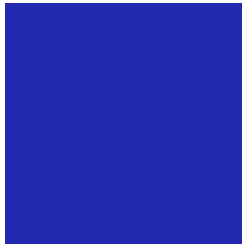
960008



170001

Previews

White Background



This preview shows how the Hex color 232AAF looks on a white background.

Color Contrast Check

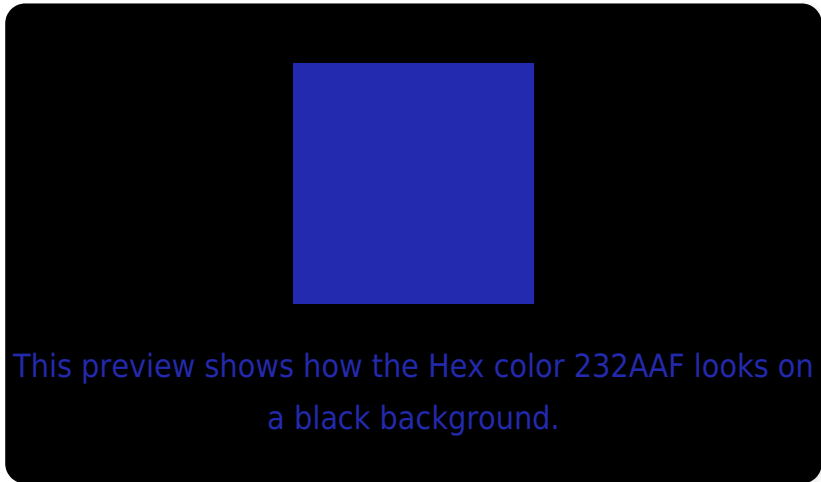
Large Text (above 18pt) WCAG AA ✓ Pass

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

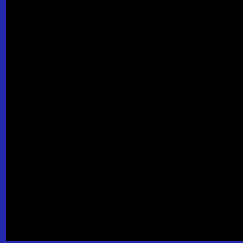
Any Text WCAG AA × Fail

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 232AAF Background



This preview shows how black text looks on a background with the Hex color 232AAF.

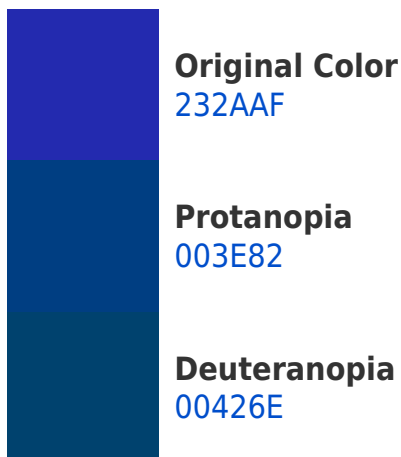


This preview shows how white text looks on a background with the Hex color 232AAF.

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
00474B

Trichromacy



Original Color
232AAF

Protanomaly
0D3792

Deuteranomaly
0D3986

Tritanomaly
0D3C6F

Monochromacy



Original Color
232AAF

Achromatopsia
373737

Achromatomaly
303263

CSS Examples

Text

The CSS property to change the color of the text to Hex 232AAF 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 #232AAF looks like.

```
.text, #text, p{  
    color:#232AAF  
}
```

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 #232AAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #232AAF
}
```

Border

The CSS property to change the border of an element to Hex 232AAF 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
#232AAF }
```

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

```
.border{ border-color:#232AAF }
```

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

Here you see how a box with a 4 pixel #232AAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #232AAF; -webkit-box-shadow:4px 4px  
4px 4px #232AAF; box-shadow:4px 4px 4px  
4px #232AAF }
```

Background

The CSS property to change the background color of an element to Hex 232AAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#232AAF }
```

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

```
.background{ background-color:#232AAF }
```

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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