

Converting Colors

Hex(2032AC)

Have a look what the booklet for
Hex(2032AC) contains.

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Color

Hex(2032AC)

Conversions

Conversions Part 1

Format	Color
Hex	2032AC
RGB	32, 50, 172
RGB Percent	13%, 20%, 67%
CMY	0.8745, 0.8039, 0.3255
CMYK	0.81, 0.71, 0.00, 0.33
HSL	232°, 69%, 40%
HSV	232°, 81%, 67%
XYZ	9.1827, 5.5668, 39.6203
YIQ	58.5260, -49.8900, 34.1260

Conversions

Conversions Part 2

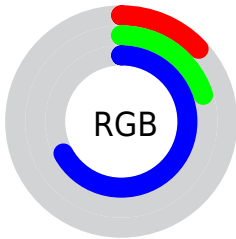
Format	Color
R _Y B	32, 48, 172
Decimal	2110124
CIE Lab	28.29, 38.51, -66.42
CIE LCh	28, 76.777, 300.108
Yxy	5.5668, 0.1689, 0.1024
Android (android.graphics.Color)	4280300204 (0xFF2032AC)
YUV	58.5260, 55.9427, -23.2633
Hunter-Lab	23.5941, 28.1811, -83.0463

Details

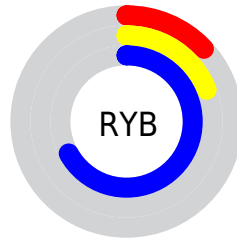
The Hex color **2032AC** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **AC9A20**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6761E5**, and **000976** is the 20% darker color. If you saturate the color by 10%, you get **0F23AC**, and if you desaturate by 10%, it is **3141AC**.

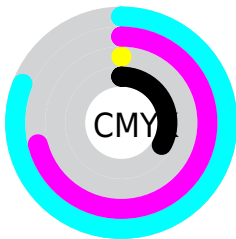
Distribution



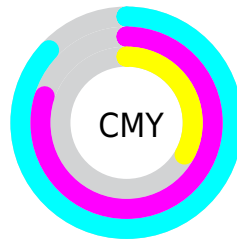
- Red (13%)
- Green (20%)
- Blue (67%)



- Red (13%)
- Yellow (19%)
- Blue (67%)



- Cyan (81%)
- Magenta (71%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (80%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2032AC 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 2032AC by changing the saturation by 10% instead.

■ 2032AC

■ 2032AC

FFFFFF

■ 001D91

■ 6761E5

■ 000976

■ 857AFF

■ 00005D

■ A394FF

■ 000744

■ C0AFFF

■ 00032D

■ DFCAFF

■ 000117

■ FDE6FF

■ 000000

■ 2032AC

■ 2032AC

■ 0F23AC

■ 3141AC

■ 0016AC

■ 4250AC

■ 545FAC

■ 656EAC

■ 767DAC

■ 878CAC

■ 989BAC

■ AAAAAC

■ BBB9AC

Harmonies

Analogous

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



004DBD



2032AC



85007F

Triad

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



2032AC



7F2200



005742

Complementary

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



2032AC



AC9A20

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.



005500



2032AC



534100

Square

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



2032AC



9C000B



054F00



00597E

Rectangle

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



2032AC



9C0059



054F00



00572C

Sweetspot

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



2032AC



ABB1E0



20AC99



505470



F0F0F0



707070

Same Dimension

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



2032AC



0421E0



5320AC



4E4F57



001396



000317

Inverse Universe

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



AC2032



E00421



79AC20



574E4F



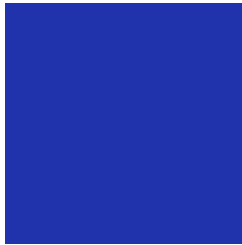
960013



170003

Previews

White Background



This preview shows how the Hex color 2032AC looks on a white background.

Color Contrast Check

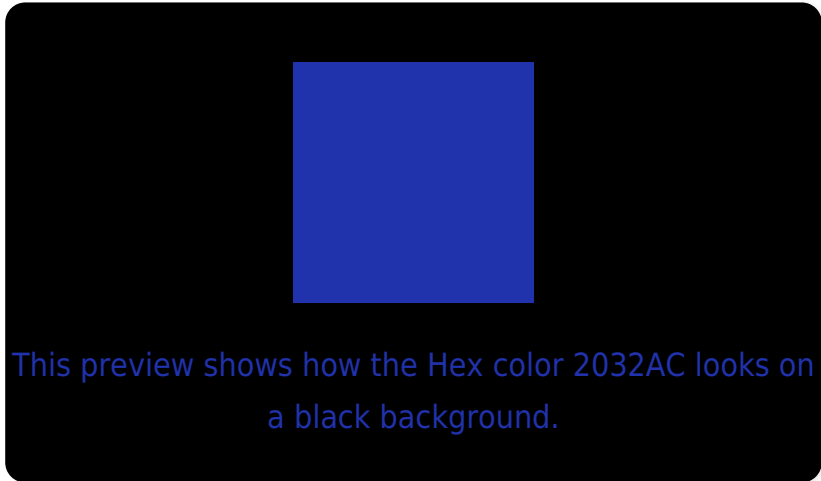
Large Text (above 18pt) WCAG AA ✓ Pass

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

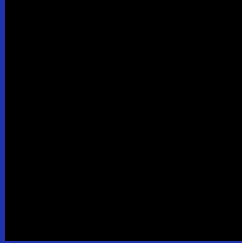
Any Text WCAG AA × Fail

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 2032AC Background



This preview shows how black text looks on a background with the Hex color 2032AC.



This preview shows how white text looks on a background with the Hex color 2032AC.

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
2032AC

Protanopia
004088

Deuteranopia
004574



Tritanopia
004A4E

Trichromacy



Original Color
2032AC

Protanomaly
0C3B95

Deuteranomaly
0C3E88

Tritanomaly
0C4170

Monochromacy



Original Color
2032AC

Achromatopsia
3B3B3B

Achromatomaly
313864

CSS Examples

Text

The CSS property to change the color of the text to Hex 2032AC 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 #2032AC looks like.

```
.text, #text, p{  
    color:#2032AC  
}
```

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 #2032AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2032AC
}
```

Border

The CSS property to change the border of an element to Hex 2032AC is called "border". The border property can be set on classes, ids or directly on the HTML element.

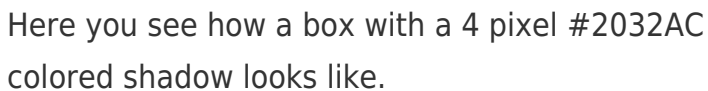
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2032AC }
```

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

```
.border{ border-color:#2032AC }
```

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



Here you see how a box with a 4 pixel #2032AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2032AC; -webkit-box-shadow:4px 4px  
4px 4px #2032AC; box-shadow:4px 4px 4px  
4px #2032AC }
```

Background

The CSS property to change the background color of an element to Hex 2032AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2032AC }
```

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

```
.background{ background-color:#2032AC }
```

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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