

Converting Colors

Hex(2132A3)

Have a look what the booklet for
Hex(2132A3) contains.

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Color

Hex(2132A3)

Conversions

Conversions Part 1

Format	Color
Hex	2132A3
RGB	33, 50, 163
RGB Percent	13%, 20%, 64%
CMY	0.8706, 0.8039, 0.3608
CMYK	0.80, 0.69, 0.00, 0.36
HSL	232°, 66%, 38%
HSV	232°, 80%, 64%
XYZ	8.3787, 5.2489, 35.2219
YIQ	57.7990, -46.4050, 31.5390

Conversions

Conversions Part 2

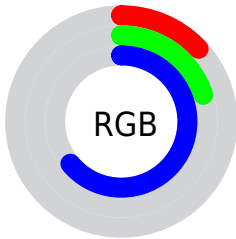
Format	Color
R_{YB}	33, 48, 163
Decimal	2175651
CIE _{Lab}	27.43, 35.32, -62.41
CIE _{LCh}	27, 71.710, 299.506
Yxy	5.2489, 0.1715, 0.1075
Android (android.graphics.Color)	4280365731 (0xFF2132A3)
YUV	57.7990, 51.8641, -21.7487
Hunter-Lab	22.9104, 25.1866, -75.1135




Details

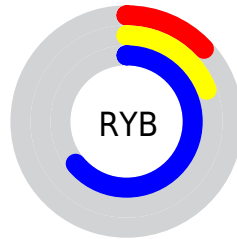
The Hex color **2132A3** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **A39221**, and the grayscale version is **393939**.




A 20% lighter version of the original color is **6561DB**, and **000A6E** is the 20% darker color. If you saturate the color by 10%, you get **1124A3**, and if you desaturate by 10%, it is **3140A3**.

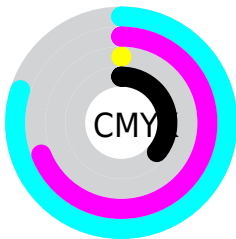
Distribution







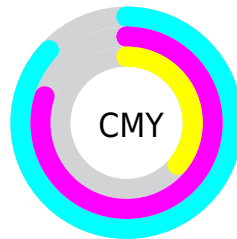
-  Red (13%)
-  Green (20%)
-  Blue (64%)






-  Red (13%)
-  Yellow (19%)
-  Blue (64%)



-  Cyan (80%)
-  Magenta (69%)
-  Yellow (0%)
-  Black (36%)



-  Cyan (87%)
-  Magenta (80%)
-  Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2132A3 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 2132A3 by changing the saturation by 10% instead.

■ 2132A3

■ 2132A3

FFFFFF

■ 001D88

■ 6561DB

■ 000A6E

■ 827AF8

■ 000055

■ A093FF

■ 00063C

■ BDAEFF

■ 000226

■ DBCAFF

■ 00010F

■ F9E6FF

■ 000000

■ 2132A3

■ 2132A3

■ 1124A3

■ 3140A3

■ 0016A3

■ 424EA3

■ 0015A3

■ 525DA3

■ 626BA3

■ 7279A3

■ 8387A3

■ 9395A3

■ A3A3A3

■ B4B2A3

Harmonies

Analogous

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



004AB2



2132A3



7D007A

Triad

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



2132A3



7A2200



00543E

Complementary

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



2132A3



A39221

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.



005200



2132A3



513F00

Square

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



2132A3



95000F



114C00



005576

Rectangle

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



2132A3



940057



114C00



00542B

Sweetspot

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



2132A3



A1A7D4



21A392



4C506B



EBEBEB



6B6B6B

Same Dimension

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



2132A3



0823D4



5121A3



494B52



001391



000212

Inverse Universe

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



A32132



D40823



73A321



52494B



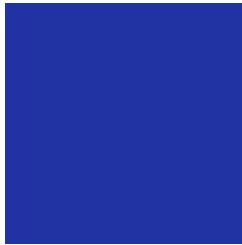
910013



120002

Previews

White Background



This preview shows how the Hex color 2132A3 looks on a white background.

Color Contrast Check

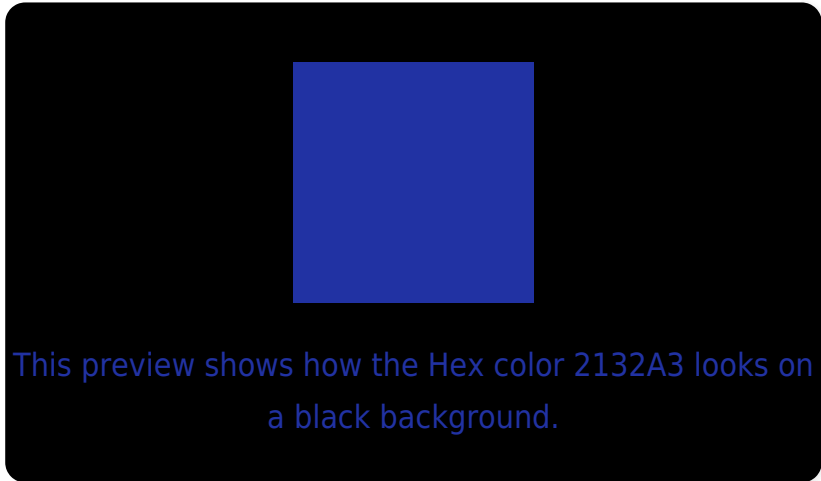
Large Text (above 18pt) WCAG AA ✓ Pass

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

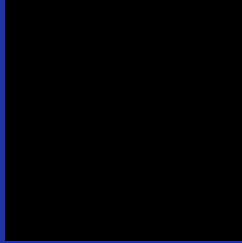
Any Text WCAG AA × Fail

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 2132A3 Background



This preview shows how black text looks on a background with the Hex color 2132A3.

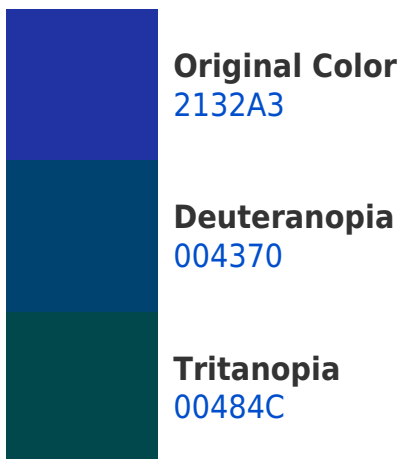


This preview shows how white text looks on a background with the Hex color 2132A3.

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



Trichromacy



Original Color
2132A3

Deuteranomaly
0C3D83

Tritanomaly
0C406C

Monochromacy



Original Color
2132A3

Achromatopsia
3A3A3A

Achromatomaly
313760

CSS Examples

Text

The CSS property to change the color of the text to Hex 2132A3 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 #2132A3 looks like.

```
.text, #text, p{  
    color:#2132A3  
}
```

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 #2132A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2132A3
}
```

Border

The CSS property to change the border of an element to Hex 2132A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

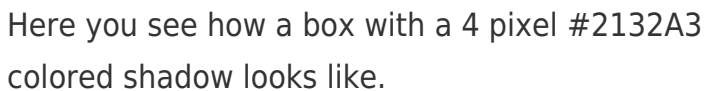
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2132A3 }
```

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

```
.border{ border-color:#2132A3 }
```

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



Here you see how a box with a 4 pixel #2132A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2132A3; -webkit-box-shadow:4px 4px  
4px 4px #2132A3; box-shadow:4px 4px 4px  
4px #2132A3 }
```

Background

The CSS property to change the background color of an element to Hex 2132A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2132A3 }
```

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

```
.background{ background-color:#2132A3 }
```

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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