

Converting Colors

Hex(2127AB)

Have a look what the booklet for
Hex(2127AB) contains.

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Color

Hex(2127AB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 2127AB |
| RGB | 33, 39, 171 |
| RGB Percent | 13%, 15%, 67% |
| CMY | 0.8706, 0.8471, 0.3294 |
| CMYK | 0.81, 0.77, 0.00, 0.33 |
| HSL | 237°, 68%, 40% |
| HSV | 237°, 81%, 67% |
| XYZ | 8.7034, 4.7146, 38.9794 |
| YIQ | 52.2540, -45.9480, 39.7800 |

Conversions

Conversions Part 2

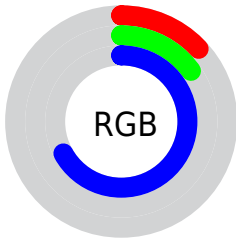
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 33, 39, 171 |
| Decimal | 2172843 |
| CIE Lab | 25.91, 44.74, -69.76 |
| CIE LCh | 26, 82.872, 302.672 |
| Yxy | 4.7146, 0.1661, 0.0900 |
| Android (android.graphics.Color) | 4280362923 (0xFF2127AB) |
| YUV | 52.2540, 58.5418, -16.8858 |
| Hunter-Lab | 21.7132, 33.5507, -91.2375 |

Details

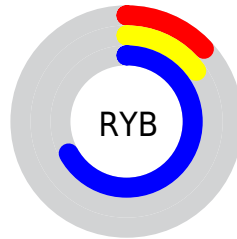
The Hex color **2127AB** is a dark color, and the websafe version is hex **3333CC**. A complement of this color would be **ABA521**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **6856E4**, and **000075** is the 20% darker color. If you saturate the color by 10%, you get **1017AB**, and if you desaturate by 10%, it is **3237AB**.

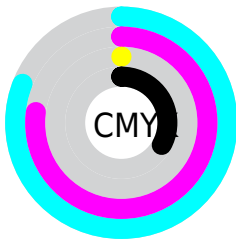
Distribution



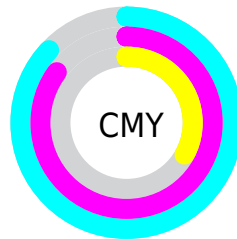
- Red (13%)
- Green (15%)
- Blue (67%)



- Red (13%)
- Yellow (15%)
- Blue (67%)



- Cyan (81%)
- Magenta (77%)
- Yellow (0%)
- Black (33%)



- Cyan (87%)
- Magenta (85%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2127AB 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 2127AB by changing the saturation by 10% instead.

■ 2127AB

■ 2127AB

FFFFFF

■ 001190

■ 6856E4

■ 000075

■ 866FFF

■ 00005C

■ A489FF

■ 000743

■ C2A3FF

■ 00032C

■ E0BFFF

■ 000116

■ FFDBFF

■ 000000

■ FFF8FF

■ 2127AB

■ 2127AB

■ 1017AB

■ 3237AB

■ 0007AB

■ 4348AB

■ 5458AB

■ 6568AB

■ 7779AB

■ 8889AB

■ 9999AB

■ AAAAAB

■ BBBAAB

Harmonies

Analogous

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



0047C0



2127AB



870079

Triad

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



2127AB



771C00



005242

Complementary

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



2127AB



ABA521

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.



005000



2127AB



473E00

Square

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



2127AB



980000



004B00



005381

Rectangle

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



2127AB



9D0050



004B00



00512B

Sweetspot

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



2127AB



A9ABDE



21ABA4



505170



F0F0F0



707070

Same Dimension

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



2127AB



0710DE



5F21AB



4E4E57



000796



000117

Inverse Universe

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



AB2127



DE0710



6DAB21



574E4E



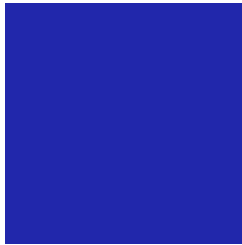
960007



170001

Previews

White Background



This preview shows how the Hex color 2127AB looks on a white background.

Color Contrast Check

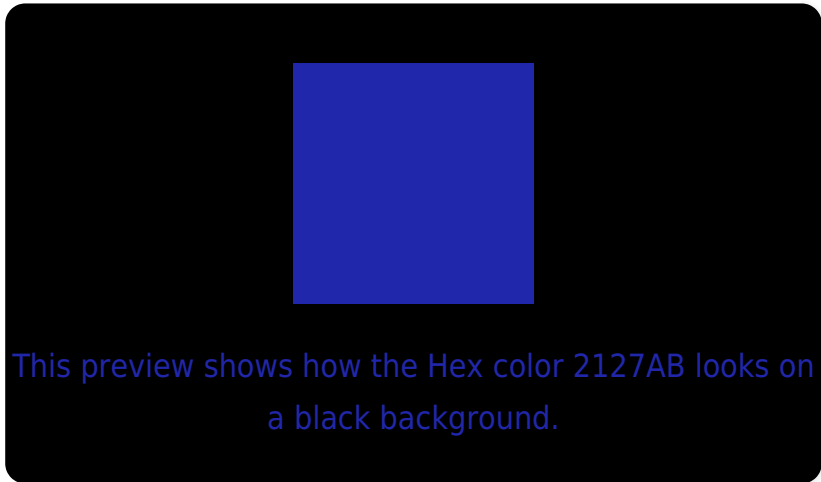
Large Text (above 18pt) WCAG AA ✓ Pass

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

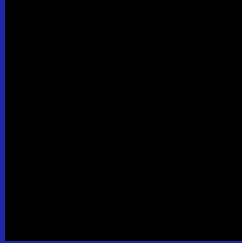
Any Text WCAG AA × Fail

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 2127AB Background



This preview shows how black text looks on a background with the Hex color 2127AB.



This preview shows how white text looks on a background with the Hex color 2127AB.

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
2127AB

Protanopia
003B7D

Deuteranopia
003F6A

Trichromacy



Original Color
2127AB

Protanomaly
0C348E

Deuteranomaly
0C3682

Tritanomaly
0C396C

Monochromacy



Original Color
2127AB

Achromatopsia
343434

Achromatomaly
2D2F5F

CSS Examples

Text

The CSS property to change the color of the text to Hex 2127AB 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 #2127AB looks like.

```
.text, #text, p{  
    color:#2127AB  
}
```

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 #2127AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2127AB
}
```

Border

The CSS property to change the border of an element to Hex 2127AB 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
#2127AB }
```

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

```
.border{ border-color:#2127AB }
```

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

Here you see how a box with a 4 pixel #2127AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2127AB; -webkit-box-shadow:4px 4px  
4px 4px #2127AB; box-shadow:4px 4px 4px  
4px #2127AB }
```

Background

The CSS property to change the background color of an element to Hex 2127AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2127AB }
```

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

```
.background{ background-color:#2127AB }
```

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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