

Converting Colors

Hex(2A1155)

Have a look what the booklet for
Hex(2A1155) contains.

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Color

Hex(2A1155)

Conversions

Conversions Part 1

Format	Color
Hex	2A1155
RGB	42, 17, 85
RGB Percent	16%, 7%, 33%
CMY	0.8353, 0.9333, 0.6667
CMYK	0.51, 0.80, 0.00, 0.67
HSL	262°, 67%, 20%
HSV	262°, 80%, 33%
XYZ	2.7950, 1.5490, 8.7460
YIQ	32.2270, -6.9280, 26.4480

Conversions

Conversions Part 2

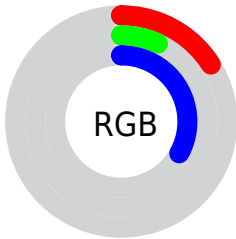
Format	Color
R_{YB}	42, 17, 85
Decimal	2756949
CIE _{Lab}	12.92, 29.69, -36.44
CIE _{LCh}	13, 47.003, 309.174
Yxy	1.5490, 0.2135, 0.1183
Android (android.graphics.Color)	4280947029 (0xFF2A1155)
YUV	32.2270, 26.0171, 8.5709
Hunter-Lab	12.4459, 18.3054, -32.9521

Details

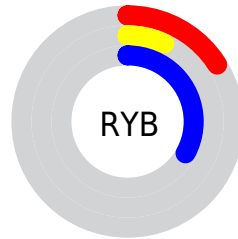
The Hex color **2A1155** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **3C5511**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **5C3E87**, and **000327** is the 20% darker color. If you saturate the color by 10%, you get **250855**, and if you desaturate by 10%, it is **2F1955**.

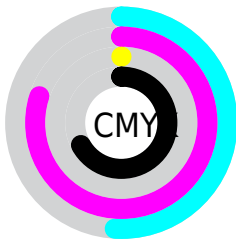
Distribution



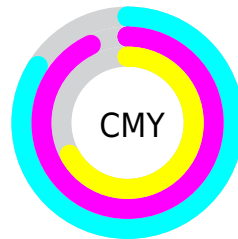
- Red (16%)
- Green (7%)
- Blue (33%)



- Red (16%)
- Yellow (7%)
- Blue (33%)



- Cyan (51%)
- Magenta (80%)
- Yellow (0%)
- Black (67%)



- Cyan (84%)
- Magenta (93%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A1155 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 2A1155 by changing the saturation by 10% instead.

 2A1155

 2A1155

 FFF6FF

 13003D

 5C3E87

 000327

 7656A2

 000110

 916FBD

 000000

 AC88D9

 C8A3F6

 E5BEFF

 FFD AFF

 2A1155

 2A1155

■ 250855

■ 2F1955

■ 1F0055

■ 352255

■ 3A2A55

■ 3F3355

■ 453B55

■ 4A4455

■ 504C55

■ 555555

■ 5A5E55

Harmonies

Analogous

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



002364



2A1155



4D0039

Triad

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



2A1155



3C1600



002F2B

Complementary

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



2A1155



3C5511

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.



002D04



2A1155



222300

Square

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



2A1155



4F0000



002A00



002E4B

Rectangle

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



2A1155



560024



002A00



002E1F

Sweetspot

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



2A1155



5D536E



113C55



2E2838



B8B8B8



383838

Same Dimension

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



2A1155



2B046E



4C1155



29272B



27006B



5600EB

Inverse Universe

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



55113C



6E0447



1A5511



2B272A



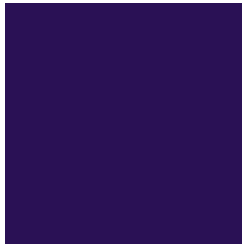
6B0044



EB0094

Previews

White Background



This preview shows how the Hex color 2A1155 looks on a white background.

Color Contrast Check

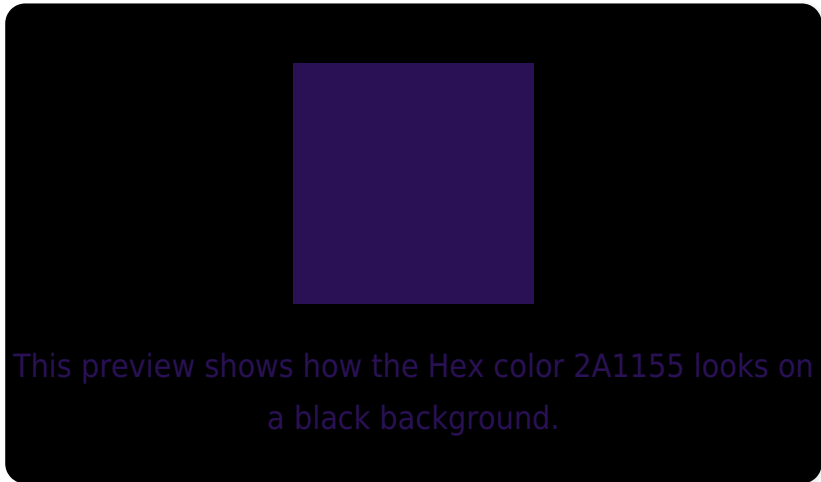
Large Text (above 18pt) WCAG AA ✓ Pass

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

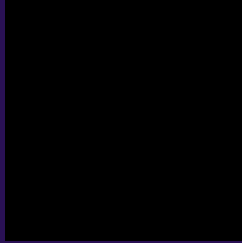
Any Text WCAG AA × Fail

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 2A1155 Background



This preview shows how black text looks on a background with the Hex color 2A1155.



This preview shows how white text looks on a background with the Hex color 2A1155.

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](#).

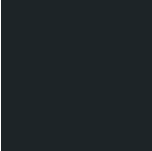
Dichromacy



Original Color
2A1155

Protanopia
002247

Deuteranopia
00243D



Tritanopia
1D2427

Trichromacy



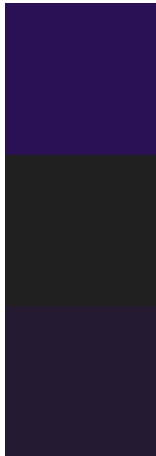
Original Color
2A1155

Protanomaly
0F1C4C

Deuteranomaly
0F1D46

Tritanomaly
221D38

Monochromacy



Original Color
2A1155

Achromatopsia
202020

Achromatomaly
241B33

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A1155 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 #2A1155 looks like.

```
.text, #text, p{  
    color:#2A1155  
}
```

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 #2A1155 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A1155  
}
```

Border

The CSS property to change the border of an element to Hex 2A1155 is called "border". The border property can be set on classes, ids or directly on the HTML element.

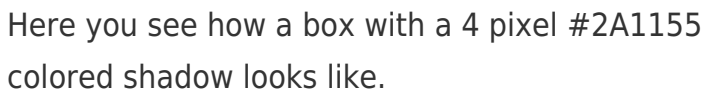
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2A1155 }
```

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

```
.border{ border-color:#2A1155 }
```

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



Here you see how a box with a 4 pixel #2A1155 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A1155; -webkit-box-shadow:4px 4px  
4px 4px #2A1155; box-shadow:4px 4px 4px  
4px #2A1155 }
```

Background

The CSS property to change the background color of an element to Hex 2A1155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A1155 }
```

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

```
.background{ background-color:#2A1155 }
```

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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