

Converting Colors

Hex(2A1445)

Have a look what the booklet for
Hex(2A1445) contains.

Hex(2A1445)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2A1445)

Conversions

Conversions Part 1

Format	Color
Hex	2A1445
RGB	42, 20, 69
RGB Percent	16%, 8%, 27%
CMY	0.8353, 0.9216, 0.7294
CMYK	0.39, 0.71, 0.00, 0.73
HSL	267°, 55%, 17%
HSV	267°, 71%, 27%
XYZ	2.2792, 1.4222, 5.7846
YIQ	32.1640, -2.6170, 19.9030

Conversions

Conversions Part 2

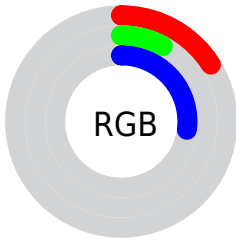
Format	Color
R_{YB}	42, 20, 69
Decimal	2757701
CIE Lab	12.10, 23.04, -26.73
CIE LCh	12, 35.290, 310.764
Yxy	1.4222, 0.2403, 0.1499
Android (android.graphics.Color)	4280947781 (0xFF2A1445)
YUV	32.1640, 18.1601, 8.6262
Hunter-Lab	11.9257, 13.2440, -20.4109

Details

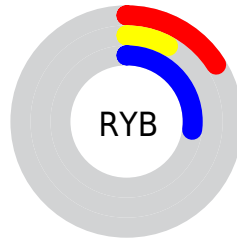
The Hex color **2A1445** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **2F4514**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **5A4076**, and **000119** is the 20% darker color. If you saturate the color by 10%, you get **260D45**, and if you desaturate by 10%, it is **2E1B45**.

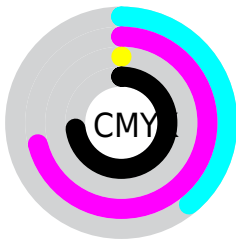
Distribution



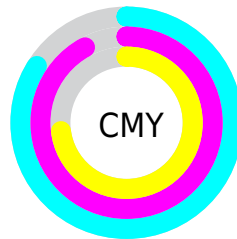
- Red (16%)
- Green (8%)
- Blue (27%)



- Red (16%)
- Yellow (8%)
- Blue (27%)



- Cyan (39%)
- Magenta (71%)
- Yellow (0%)
- Black (73%)



- Cyan (84%)
- Magenta (92%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2A1445 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 2A1445 by changing the saturation by 10% instead.

■ 2A1445

■ 2A1445

■ FFF8FF

■ 17002F

■ 5A4076

■ 000119

■ 735890

■ 000000

■ 8D70AA

■ A88AC6

■ C4A4E2

■ E0BFFE

■ FDDBFF

■ 2A1445

■ 2A1445

■ 260D45

■ 2E1B45

■ 220645

■ 322245

■ 1F0045

■ 352945

■ 393045

■ 3D3645

■ 413D45

■ 454445

■ 484B45

■ 4C5245

Harmonies

Analogous

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



002050



2A1445



420230

Triad

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



2A1445



351900



002A28

Complementary

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



2A1445



2F4514

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.



00290D



2A1445



212200

Square

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



2A1445



440900



042600



002A3F

Rectangle

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



2A1445



480020



042600



002A20

Sweetspot

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



2A1445



4F4759



143045



28222E



ADADAD



2E2E2E

Same Dimension

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



2A1445



2F0D59



421445



222024



2D0063



6600E3

Inverse Universe

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



45142F



590D37



174514



242022



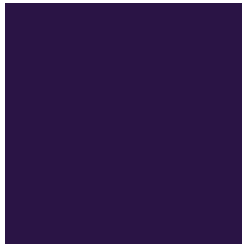
630037



E3007D

Previews

White Background



This preview shows how the Hex color 2A1445 looks on a white background.

Color Contrast Check

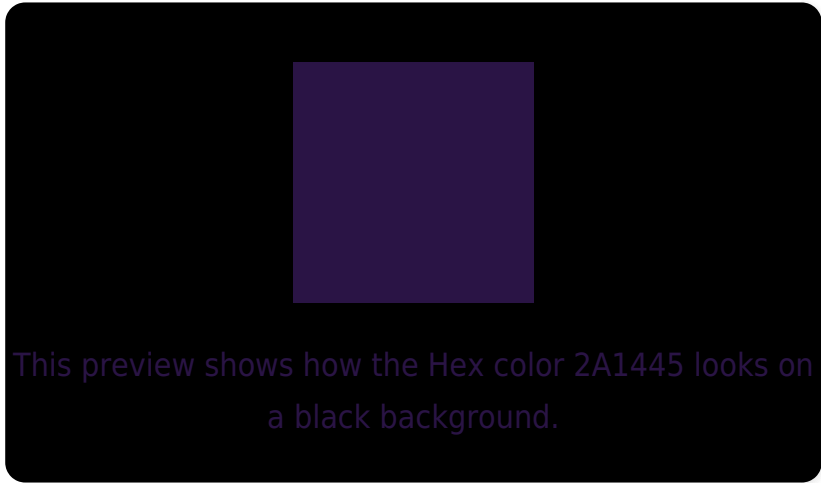
Large Text (above 18pt) WCAG AA ✓ Pass

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

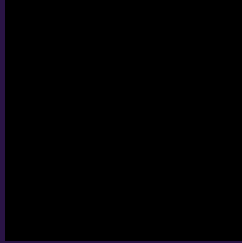
Any Text WCAG AA × Fail

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 2A1445 Background



This preview shows how black text looks on a background with the Hex color 2A1445.



This preview shows how white text looks on a background with the Hex color 2A1445.

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
2A1445

Protanopia
002043

Deuteranopia
00213A

Trichromacy



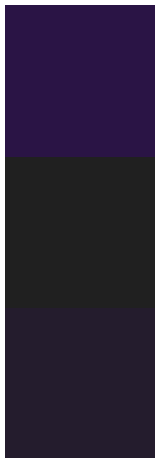
Original Color
2A1445

Protanomaly
0F1C44

Deuteranomaly
0F1C3E

Tritanomaly
261C2F

Monochromacy



Original Color
2A1445

Achromatopsia
202020

Achromatomaly
241C2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 2A1445 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 #2A1445 looks like.

```
.text, #text, p{  
    color:#2A1445  
}
```

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 #2A1445 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A1445  
}
```

Border

The CSS property to change the border of an element to Hex 2A1445 is called "border". The border property can be set on classes, ids or directly on the HTML element.

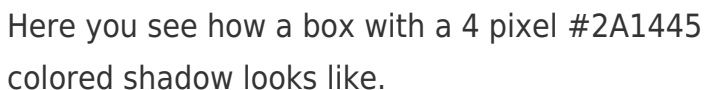
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#2A1445 }
```

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

```
.border{ border-color:#2A1445 }
```

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



Here you see how a box with a 4 pixel #2A1445 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A1445; -webkit-box-shadow:4px 4px  
4px 4px #2A1445; box-shadow:4px 4px 4px  
4px #2A1445 }
```

Background

The CSS property to change the background color of an element to Hex 2A1445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A1445 }
```

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

```
.background{ background-color:#2A1445 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor