

Converting Colors

Hex(A2137C)

Have a look what the booklet for
Hex(A2137C) contains.

Hex(A2137C)	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(A2137C)

Conversions

Conversions Part 1

Format	Color
Hex	A2137C
RGB	162, 19, 124
RGB Percent	64%, 7%, 49%
CMY	0.3647, 0.9255, 0.5137
CMYK	0.00, 0.88, 0.23, 0.36
HSL	316°, 79%, 35%
HSV	316°, 88%, 64%
XYZ	18.7713, 9.6024, 19.9329
YIQ	73.7270, 51.5230, 62.9710

Conversions

Conversions Part 2

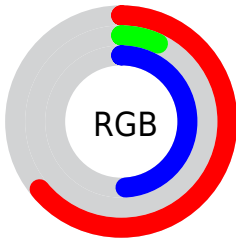
Format	Color
R_{YB}	162, 19, 124
Decimal	10621820
CIE _{Lab}	37.12, 62.21, -21.98
CIE _{LCh}	37, 65.982, 340.544
Yxy	9.6024, 0.3886, 0.1988
Android (android.graphics.Color)	4288811900 (0xFFA2137C)
YUV	73.7270, 24.7846, 77.4154
Hunter-Lab	30.9877, 53.9006, -16.4470

Details

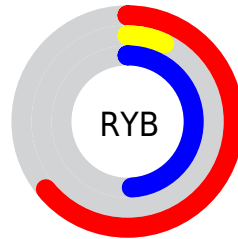
The Hex color **A2137C** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **13A239**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **DC56B1**, and **6A004B** is the 20% darker color. If you saturate the color by 10%, you get **A20378**, and if you desaturate by 10%, it is **A22380**.

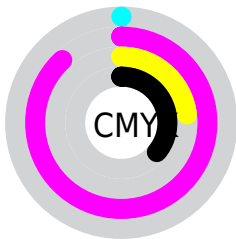
Distribution



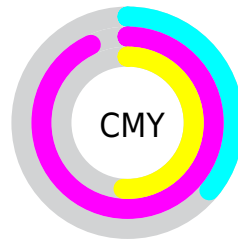
- Red (64%)
- Green (7%)
- Blue (49%)



- Red (64%)
- Yellow (7%)
- Blue (49%)



- Cyan (0%)
- Magenta (88%)
- Yellow (23%)
- Black (36%)



- Cyan (36%)
- Magenta (93%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color A2137C 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 A2137C by changing the saturation by 10% instead.

 A2137C

 A2137C

FFFFFF

 860063

 DC56B1

 6A004B

 FA72CC

 4E0034

 FF8EE9

 35001F

 FFAAFF

 100000

 FFC7FF

 000000

 FFE5FF

 A2137C

 A2137C

 A20378

 A22380

 A20077

 A23385

 A24489

 A2548D

 A26492

 A27496

 A2849A

 A2959E

 A2A5A3

Harmonies

Analogous

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



6D3EA9



A2137C



B20047

Triad

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



A2137C



5B5B00



006D9C

Complementary

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



A2137C



13A239

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.



006D69



A2137C



136600

Square

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



A2137C



874700



006B31



0067BD

Rectangle

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



A2137C



AC1825



006B31



006D8D

Sweetspot

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



A2137C



D49DC5



3713A2



6B4A62



EBEBEB



6B6B6B

Same Dimension

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



A2137C



D4009B



A21337



52494F



91006B



12000D

Inverse Universe

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



A2137C



D4009B



13A27E



52494F



91006B



12000D

Previews

White Background



This preview shows how the Hex color A2137C looks on a white background.

Color Contrast Check

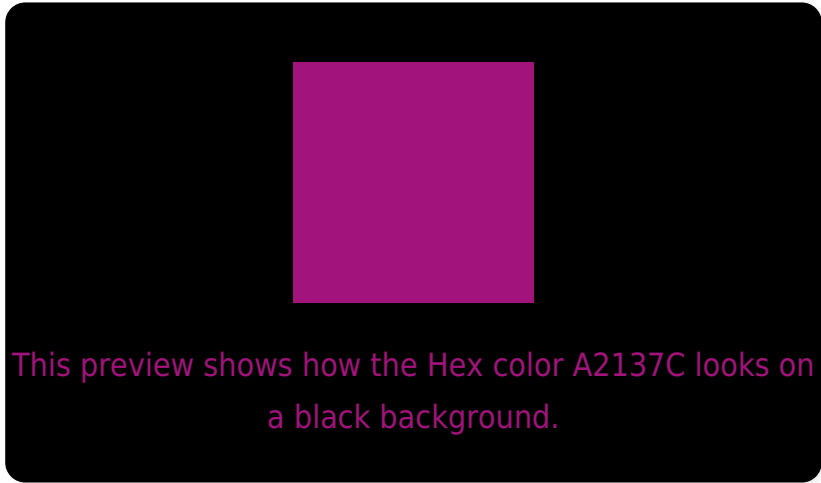
Large Text (above 18pt) WCAG AA ✓ Pass

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

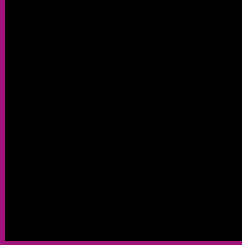
Any Text WCAG AA × Fail

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 A2137C Background



This preview shows how black text looks on a background with the Hex color A2137C.

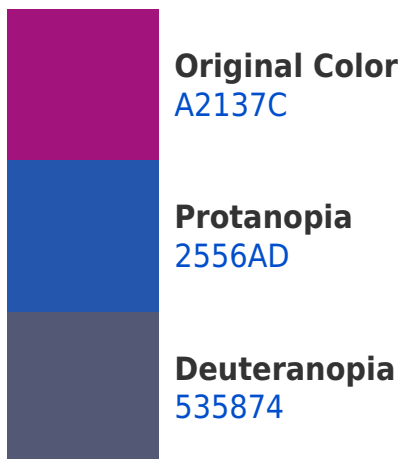



This preview shows how white text looks on a background with the Hex color A2137C.

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](#).

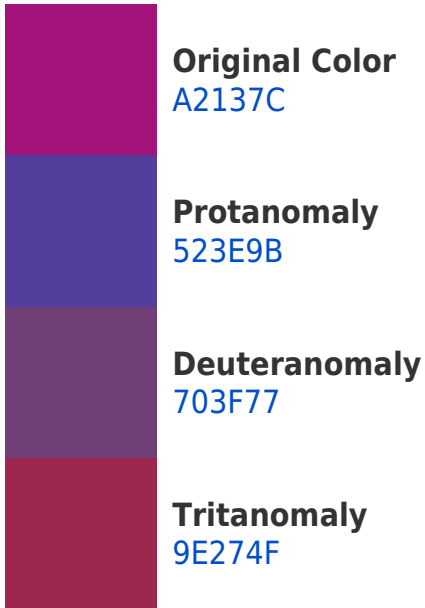
Dichromacy





Tritanopia
9C3336

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A2137C 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 #A2137C looks like.

```
.text, #text, p{  
    color:#A2137C  
}
```

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 #A2137C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2137C  
}
```

Border

The CSS property to change the border of an element to Hex A2137C is called "border". The border property can be set on classes, ids or directly on the HTML element.

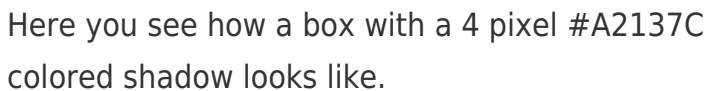
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#A2137C }
```

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

```
.border{ border-color:#A2137C }
```

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



Here you see how a box with a 4 pixel #A2137C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2137C; -webkit-box-shadow:4px 4px  
4px 4px #A2137C; box-shadow:4px 4px 4px  
4px #A2137C }
```

Background

The CSS property to change the background color of an element to Hex A2137C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2137C }
```

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

```
.background{ background-color:#A2137C }
```

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