

Converting Colors

Hex(120537)

Have a look what the booklet for
Hex(120537) contains.

Hex(120537)	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(120537)

Conversions

Conversions Part 1

Format	Color
Hex	120537
RGB	18, 5, 55
RGB Percent	7%, 2%, 22%
CMY	0.9294, 0.9804, 0.7843
CMYK	0.67, 0.91, 0.00, 0.78
HSL	256°, 83%, 12%
HSV	256°, 91%, 22%
XYZ	0.9933, 0.5130, 3.6611
YIQ	14.5870, -8.3020, 18.3060

Conversions

Conversions Part 2

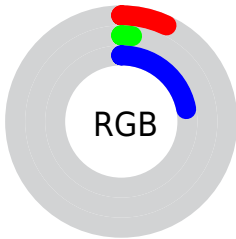
Format	Color
R_{YB}	18, 5, 55
Decimal	1180983
CIE Lab	4.63, 20.38, -28.98
CIE LCh	5, 35.425, 305.117
Yxy	0.5130, 0.1922, 0.0993
Android (android.graphics.Color)	4279371063 (0xFF120537)
YUV	14.5870, 19.9236, 2.9932
Hunter-Lab	7.1622, 12.2219, -25.2935

Details

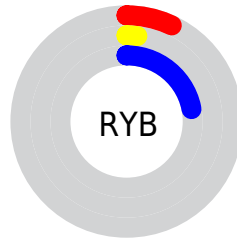
The Hex color **120537** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2A3705**, and the grayscale version is **0E0E0E**.

A 20% lighter version of the original color is **413166**, and **000006** is the 20% darker color. If you saturate the color by 10%, you get **0E0037**, and if you desaturate by 10%, it is **160A37**.

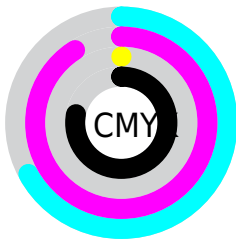
Distribution



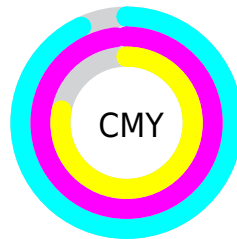
- Red (7%)
- Green (2%)
- Blue (22%)



- Red (7%)
- Yellow (2%)
- Blue (22%)



- Cyan (67%)
- Magenta (91%)
- Yellow (0%)
- Black (78%)



- Cyan (93%)
- Magenta (98%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 120537 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 120537 by changing the saturation by 10% instead.

 120537

 120537

 FCE5FF

 000221

 413166

 000006

 594880

 000000

 73609A

 8D79B5

 A893D1

 C3ADED

 DFC9FF

 120537

 120537

■ 0E0037

■ 160A37

■ 1A1037

■ 1E1537

■ 221B37

■ 262137

■ 2A2637

■ 2E2B37

■ 333137

■ 373637

Harmonies

Analogous

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



00123F



120537



2E0025

Triad

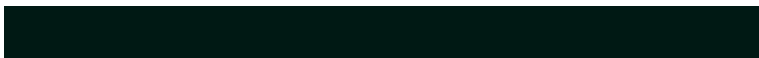
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



120537



260500



001914

Complementary

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



120537



2A3705

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.



001900



120537



111100

Square

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



120537



330000



001900



001A2B

Rectangle

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



120537



350016



001900



001909

Sweetspot

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



120537



393447



052B37



1B1824



A3A3A3



242424

Same Dimension

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



120537



130047



2B0537



1A191C



18005C



3900DB

Inverse Universe

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



37052A



470035



113705



1C191B



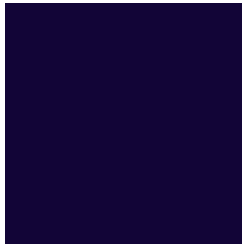
5C0044



DB00A2

Previews

White Background



This preview shows how the Hex color 120537 looks on a white background.

Color Contrast Check

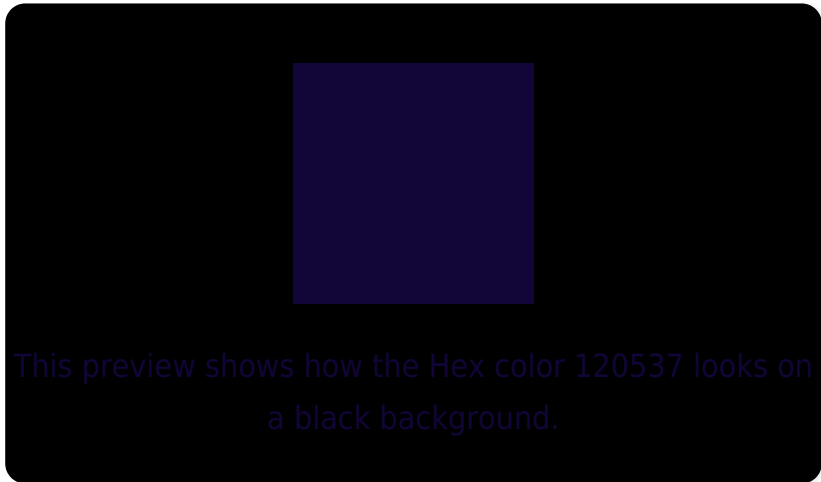
Large Text (above 18pt) WCAG AA ✓ Pass

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

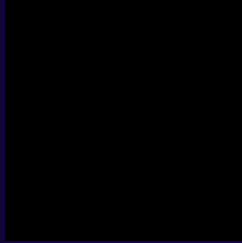
Any Text WCAG AA × Fail

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 120537 Background



This preview shows how black text looks on a background with the Hex color 120537.



This preview shows how white text looks on a background with the Hex color 120537.

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
120537

Protanopia
001226

Deuteranopia
001320



Tritanopia
001516

Trichromacy



Original Color
120537

Protanomaly
070D2C

Deuteranomaly
070E28

Tritanomaly
070F22

Monochromacy



Original Color
120537

Achromatopsia
0F0F0F

Achromatomaly
100B1E

CSS Examples

Text

The CSS property to change the color of the text to Hex 120537 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 #120537 looks like.

```
.text, #text, p{  
    color:#120537  
}
```

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 #120537 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #120537
}
```

Border

The CSS property to change the border of an element to Hex 120537 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
#120537 }
```

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

```
.border{ border-color:#120537 }
```

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

Here you see how a box with a 4 pixel #120537 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #120537; -webkit-box-shadow:4px 4px  
4px 4px #120537; box-shadow:4px 4px 4px  
4px #120537 }
```

Background

The CSS property to change the background color of an element to Hex 120537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#120537 }
```

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

```
.background{ background-color:#120537 }
```

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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