

Converting Colors

Hex(112153)

Have a look what the booklet for
Hex(112153) contains.

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Color

Hex(112153)

Conversions

Conversions Part 1

Format	Color
Hex	112153
RGB	17, 33, 83
RGB Percent	7%, 13%, 33%
CMY	0.9333, 0.8706, 0.6745
CMYK	0.80, 0.60, 0.00, 0.67
HSL	225°, 66%, 20%
HSV	225°, 80%, 33%
XYZ	2.3364, 1.8314, 8.4140
YIQ	33.9160, -25.5860, 12.1580

Conversions

Conversions Part 2

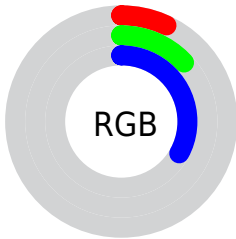
Format	Color
R_{YB}	17, 30, 83
Decimal	1122643
CIE _{Lab}	14.58, 13.58, -32.47
CIE _{LCh}	15, 35.197, 292.703
Yxy	1.8314, 0.1857, 0.1456
Android (android.graphics.Color)	4279312723 (0xFF112153)
YUV	33.9160, 24.1984, -14.8353
Hunter-Lab	13.5330, 7.1338, -27.3898

Details

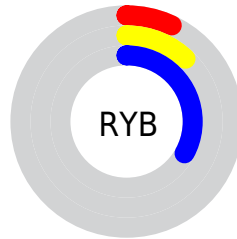
The Hex color **112153** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **534311**, and the grayscale version is **222222**.

A 20% lighter version of the original color is **474D85**, and **000225** is the 20% darker color. If you saturate the color by 10%, you get **091B53**, and if you desaturate by 10%, it is **192753**.

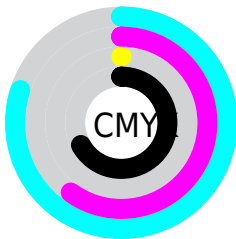
Distribution



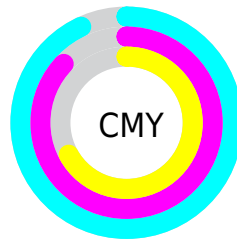
- Red (7%)
- Green (13%)
- Blue (33%)



- Red (7%)
- Yellow (12%)
- Blue (33%)



- Cyan (80%)
- Magenta (60%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (87%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 112153 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 112153 by changing the saturation by 10% instead.

■ 112153

■ 112153

FFFFFF

■ 000B3C

■ 474D85

■ 000225

■ 60659F

■ 00010E

■ 7A7DBB

■ 000000

■ 9597D6

■ B1B2F3

■ CDCDFE

■ E9EAFD

■ 112153

■ 112153

■ 091B53

■ 192753

■ 001453

■ 222E53

■ 2A3453

■ 323A53

■ 3B4053

■ 434753

■ 4B4D53

■ 535353

■ 5C5A53

Harmonies

Analogous

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



002A56



112153



3C1343

Triad

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



112153



451600



002F1E

Complementary

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



112153



534311

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.



002D00



112153



342200

Square

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



112153



4E0713



1D2900



002F37

Rectangle

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



112153



490834



1D2900



002E15

Sweetspot

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



112153



51586B



115342



262A36



B5B5B5



363636

Same Dimension

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



112153



051E6B



221153



252629



001969



0038E8

Inverse Universe

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



531121



6B051E



425311



292526



690019



E80038

Previews

White Background



This preview shows how the Hex color 112153 looks on a white background.

Color Contrast Check

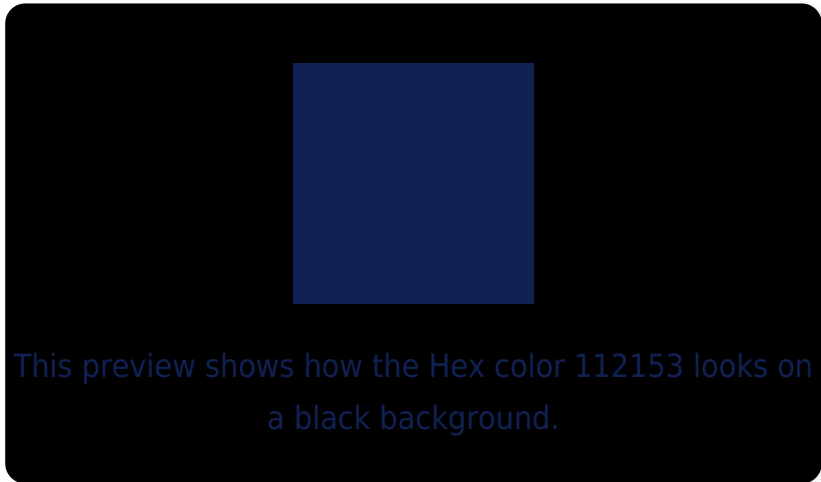
Large Text (above 18pt) WCAG AA ✓ Pass

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

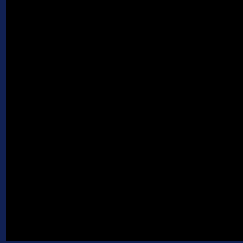
Any Text WCAG AA × Fail

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 112153 Background



This preview shows how black text looks on a background with the Hex color 112153.



This preview shows how white text looks on a background with the Hex color 112153.

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
112153

Deuteranopia
002641

Trichromacy



Original Color
112153

Deuteranomaly
062448

Monochromacy



Original Color
112153

Achromatopsia
222222

Achromatomaly
1C2234

CSS Examples

Text

The CSS property to change the color of the text to Hex 112153 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 #112153 looks like.

```
.text, #text, p{  
    color:#112153  
}
```

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 #112153 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #112153
}
```

Border

The CSS property to change the border of an element to Hex 112153 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
#112153 }
```

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

```
.border{ border-color:#112153 }
```

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

Here you see how a box with a 4 pixel #112153 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #112153; -webkit-box-shadow:4px 4px  
4px 4px #112153; box-shadow:4px 4px 4px  
4px #112153 }
```

Background

The CSS property to change the background color of an element to Hex 112153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#112153 }
```

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

```
.background{ background-color:#112153 }
```

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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