

Converting Colors

Hex(132853)

Have a look what the booklet for
Hex(132853) contains.

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Color

Hex(132853)

Conversions

Conversions Part 1

Format	Color
Hex	132853
RGB	19, 40, 83
RGB Percent	7%, 16%, 33%
CMY	0.9255, 0.8431, 0.6745
CMYK	0.77, 0.52, 0.00, 0.67
HSL	220°, 63%, 20%
HSV	220°, 77%, 33%
XYZ	2.5887, 2.2806, 8.4874
YIQ	38.6230, -26.3190, 8.9210

Conversions

Conversions Part 2

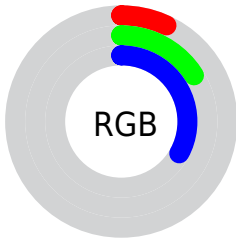
Format	Color
R_{YB}	19, 35, 83
Decimal	1255507
CIE Lab	16.90, 8.64, -28.72
CIE LCh	17, 29.991, 286.751
Yxy	2.2806, 0.1938, 0.1707
Android (android.graphics.Color)	4279445587 (0xFF132853)
YUV	38.6230, 21.8779, -17.2094
Hunter-Lab	15.1015, 4.1705, -22.7511

Details

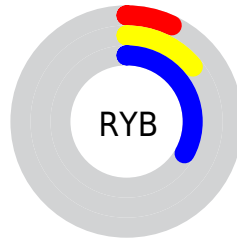
The Hex color **132853** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **533E13**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **475585**, and **000226** is the 20% darker color. If you saturate the color by 10%, you get **0B2253**, and if you desaturate by 10%, it is **1B2E53**.

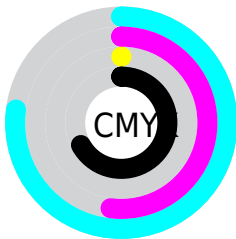
Distribution



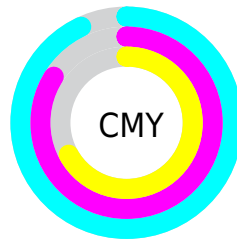
- Red (7%)
- Green (16%)
- Blue (33%)



- Red (7%)
- Yellow (14%)
- Blue (33%)



- Cyan (77%)
- Magenta (52%)
- Yellow (0%)
- Black (67%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 132853 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 132853 by changing the saturation by 10% instead.

■ 132853

■ 132853

FFFFFF

■ 00143C

■ 475585

■ 000226

■ 616D9F

■ 00010E

■ 7B86BA

■ 000000

■ 96A0D6

■ B1BBF3

■ CDD7FF

■ EAF3FF

■ 132853

■ 132853

■ 0B2253

■ 1B2E53

■ 021D53

■ 243353

■ 001B53

■ 2C3953

■ 343E53

■ 3D4453

■ 454953

■ 4D4F53

■ 555553

■ 5E5A53

Harmonies

Analogous

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



002F54



132853



391E47

Triad

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



132853



4A1C08



00331F

Complementary

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



132853



533E13

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.



0E3108



132853



3C2500

Square

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



132853



50141F



2A2C00



003335

Rectangle

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



132853



47173B



2A2C00



003218

Sweetspot

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



132853



525B6B



13533E



272B36



B5B5B5



363636

Same Dimension

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



132853



07286B



1E1353



252629



002269



004CE8

Inverse Universe

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



531328



6B0728



485313



292526



690022



E8004C

Previews

White Background



This preview shows how the Hex color 132853 looks on a white background.

Color Contrast Check

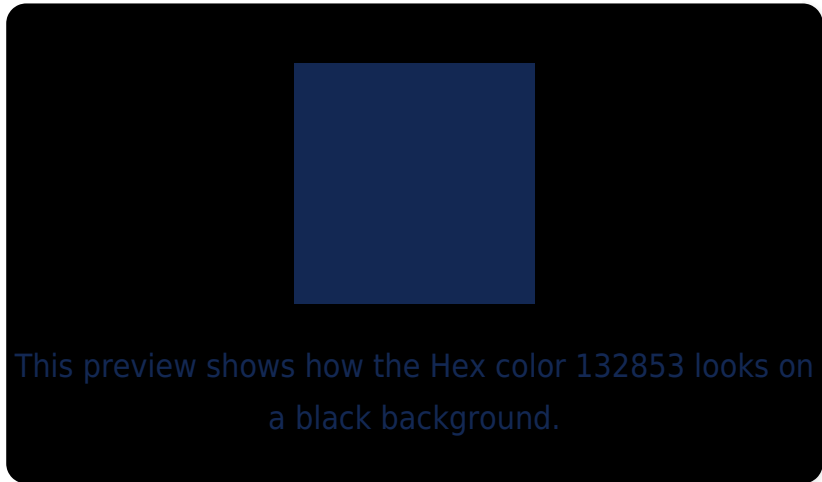
Large Text (above 18pt) WCAG AA ✓ Pass

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

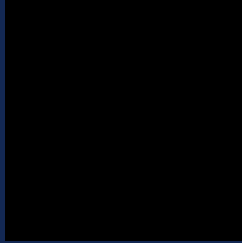
Any Text WCAG AA × Fail

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 132853 Background



This preview shows how black text looks on a background with the Hex color 132853.



This preview shows how white text looks on a background with the Hex color 132853.

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

132853

Protanopia

0D2854

Deuteranopia

002B4B



Tritanopia
002F32

Trichromacy



Original Color
132853

Protanomaly
0F2854

Deuteranomaly
072A4E

Tritanomaly
072C3E

Monochromacy



Original Color
132853

Achromatopsia
272727

Achromatomaly
202737

CSS Examples

Text

The CSS property to change the color of the text to Hex 132853 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 #132853 looks like.

```
.text, #text, p{  
    color:#132853  
}
```

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 #132853 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #132853  
}
```

Border

The CSS property to change the border of an element to Hex 132853 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  
#132853 }
```

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

```
.border{ border-color:#132853 }
```

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

Here you see how a box with a 4 pixel #132853 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #132853; -webkit-box-shadow:4px 4px  
4px 4px #132853; box-shadow:4px 4px 4px  
4px #132853 }
```

Background

The CSS property to change the background color of an element to Hex 132853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#132853 }
```

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

```
.background{ background-color:#132853 }
```

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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