

Converting Colors

Hex(142451)

Have a look what the booklet for
Hex(142451) contains.

Hex(142451)	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(142451)

Conversions

Conversions Part 1

Format	Color
Hex	142451
RGB	20, 36, 81
RGB Percent	8%, 14%, 32%
CMY	0.9216, 0.8588, 0.6824
CMYK	0.75, 0.56, 0.00, 0.68
HSL	224°, 60%, 20%
HSV	224°, 75%, 32%
XYZ	2.4046, 2.0046, 8.0448
YIQ	36.3460, -23.9810, 10.6030

Conversions

Conversions Part 2

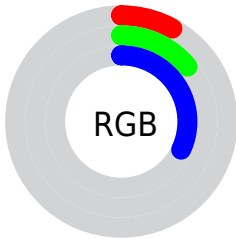
Format	Color
R_{YB}	20, 33, 81
Decimal	1320017
CIE _{Lab}	15.51, 10.96, -29.59
CIE _{LCh}	16, 31.557, 290.317
Yxy	2.0046, 0.1931, 0.1610
Android (android.graphics.Color)	4279510097 (0xFF142451)
YUV	36.3460, 22.0144, -14.3354
Hunter-Lab	14.1582, 5.5387, -23.7780

Details

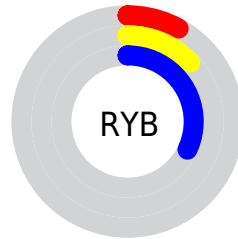
The Hex color **142451** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **514114**, and the grayscale version is **242424**.

A 20% lighter version of the original color is **485083**, and **000224** is the 20% darker color. If you saturate the color by 10%, you get **0C1E51**, and if you desaturate by 10%, it is **1C2A51**.

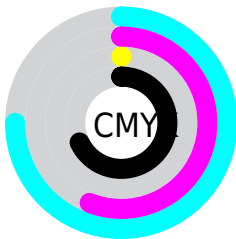
Distribution



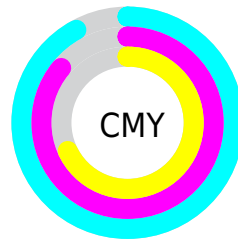
- Red (8%)
- Green (14%)
- Blue (32%)



- Red (8%)
- Yellow (13%)
- Blue (32%)



- Cyan (75%)
- Magenta (56%)
- Yellow (0%)
- Black (68%)



- Cyan (92%)
- Magenta (86%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 142451 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 142451 by changing the saturation by 10% instead.



142451



142451

FFFFFF



000F3A



485083



000224



61689D



00000B



7B81B8



000000



969BD4



B1B6F0



CDD1FF



EAEFF



142451



142451

■ 0C1E51

■ 1C2A51

■ 041851

■ 243051

■ 001551

■ 2C3651

■ 343C51

■ 3D4251

■ 454851

■ 4D4E51

■ 555451

■ 5D5A51

Harmonies

Analogous

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



002C53



142451



3A1944

Triad

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



142451



461900



00301F

Complementary

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



142451



514114

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.



042E05



142451



372300

Square

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



142451



4D0F19



232A00



003136

Rectangle

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



142451



471136



232A00



003017

Sweetspot

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



142451



515769



145141



272A36



B5B5B5



363636

Same Dimension

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



142451



0A2369



221451



252629



001B69



003DE8

Inverse Universe

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



511424



690A23



435114



292526



69001B



E8003D

Previews

White Background



This preview shows how the Hex color 142451 looks on a white background.

Color Contrast Check

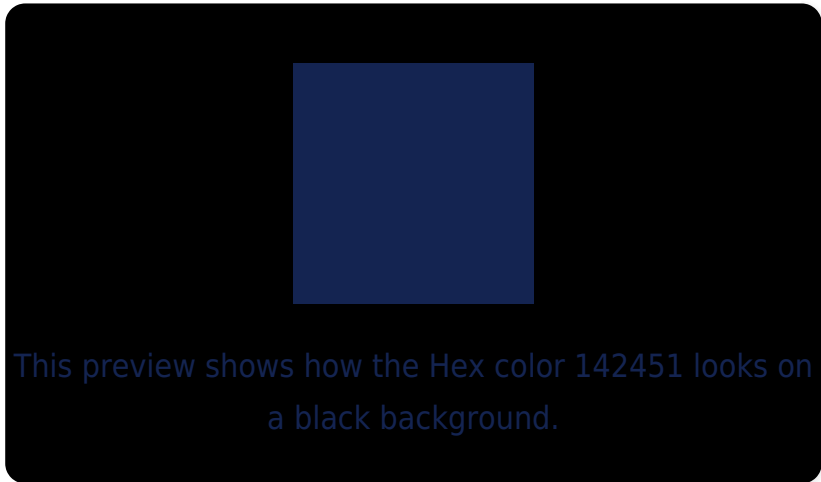
Large Text (above 18pt) WCAG AA ✓ Pass

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 142451 Background



This preview shows how black text looks on a background with the Hex color 142451.



This preview shows how white text looks on a background with the Hex color 142451.

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
142451

Protanopia
002650

Deuteranopia
002845



Tritanopia
002B2E

Trichromacy



Original Color
142451

Protanomaly
072550

Deuteranomaly
072749

Tritanomaly
07283B

Monochromacy



Original Color
142451

Achromatopsia
242424

Achromatomaly
1E2434

CSS Examples

Text

The CSS property to change the color of the text to Hex 142451 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 #142451 looks like.

```
.text, #text, p{  
    color:#142451  
}
```

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 #142451 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #142451
}
```

Border

The CSS property to change the border of an element to Hex 142451 is called "border". The border property can be set on classes, ids or directly on the HTML element.

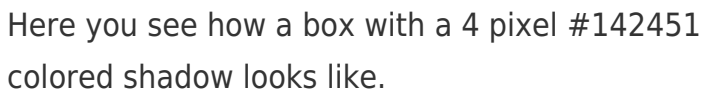
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#142451 }
```

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

```
.border{ border-color:#142451 }
```

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



Here you see how a box with a 4 pixel #142451 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #142451; -webkit-box-shadow:4px 4px  
4px 4px #142451; box-shadow:4px 4px 4px  
4px #142451 }
```

Background

The CSS property to change the background color of an element to Hex 142451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#142451 }
```

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

```
.background{ background-color:#142451 }
```

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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