

# Converting Colors

Hex(144355)

Have a look what the booklet for  
Hex(144355) contains.

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# Color

Hex(144355)

# Conversions

## Conversions Part 1

Format	Color
Hex	144355
RGB	20, 67, 85
RGB Percent	8%, 26%, 33%
CMY	0.9216, 0.7373, 0.6667
CMYK	0.76, 0.21, 0.00, 0.67
HSL	197°, 62%, 21%
HSV	197°, 76%, 33%
XYZ	3.9353, 4.8189, 9.3171
YIQ	54.9990, -33.7900, -4.3660

# Conversions

## Conversions Part 2

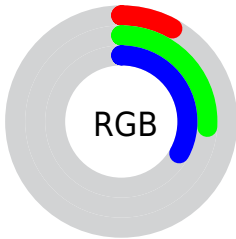
Format	Color
<a href="#">RYB</a>	20, 47, 85
Decimal	1327957
CIELab	26.21, -8.97, -15.35
CIElCh	26, 17.783, 239.690
Yxy	4.8189, 0.2178, 0.2667
Android (android.graphics.Color)	4279518037 (0xFF144355)
YUV	54.9990, 14.7905, -30.6941
Hunter-Lab	21.9520, -6.4163, -9.7979

# Details

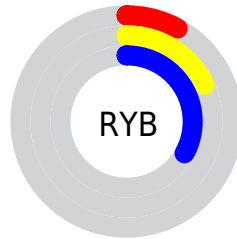
The Hex color **144355** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **552614**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **497387**, and **001928** is the 20% darker color. If you saturate the color by 10%, you get **0B4155**, and if you desaturate by 10%, it is **1C4555**.

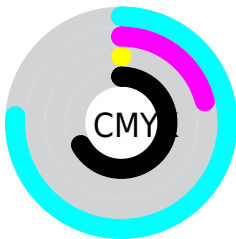
# Distribution



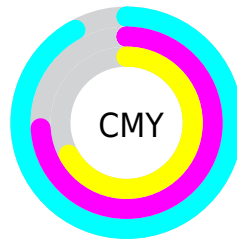
- Red (8%)
- Green (26%)
- Blue (33%)



- Red (8%)
- Yellow (18%)
- Blue (33%)



- Cyan (76%)
- Magenta (21%)
- Yellow (0%)
- Black (67%)



- Cyan (92%)
- Magenta (74%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 144355 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 144355 by changing the saturation by 10% instead.



■ 144355

■ 144355

FFFFFF

■ 002D3E

■ 497387

■ 001928

■ 638DA1

■ 000113

■ 7DA7BC

■ 000000

■ 98C2D8

■ B3DEF4

■ CFFBFF

■ ECFFFF

■ 144355

■ 144355

■ 0B4155

■ 1C4555

■ 033E55

■ 254855

■ 003D55

■ 2E4A55

■ 364C55

■ 3E4F55

■ 475155

■ 4F5355

■ 585655

■ 605855

# Harmonies

## Analogous

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



09454B



144355



2B3F59

# Triad

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



144355



57343F



394126

# Complementary

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



144355



552614

# 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.



473D23



144355



583531

# Square

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



144355



4F364C



523827



294430

# Rectangle

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



144355



393C57



523827



3E4024



# Sweetspot

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



144355



54676E



145525



283438



B8B8B8



383838



# Same Dimension

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



144355



09526E



142355



272A2B



004D6B



00AAEB



# Inverse Universe

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



551443



6E0952



554614



2B272A



6B004D

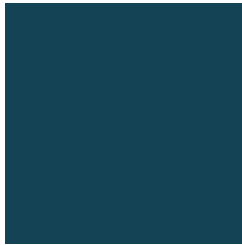


EB00AA



# Previews

## White Background



This preview shows how the Hex color 144355 looks on a white background.

## Color Contrast Check

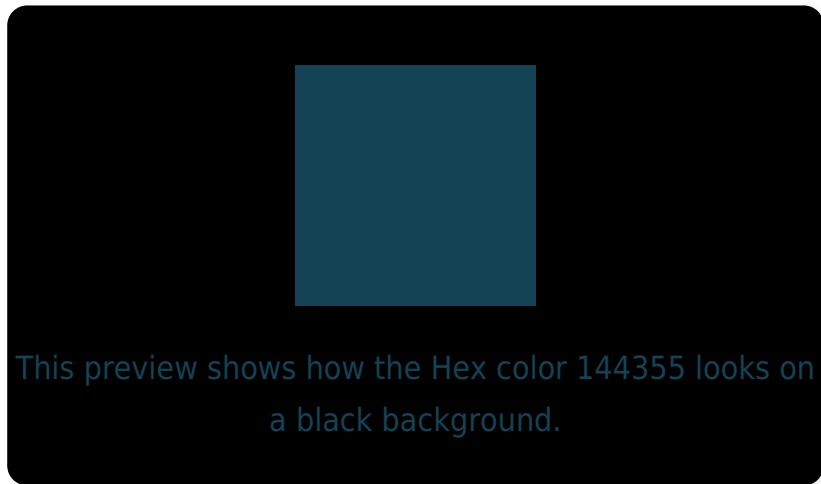
Large Text (above 18pt) WCAG AA ✓ Pass

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

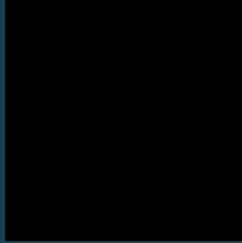
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

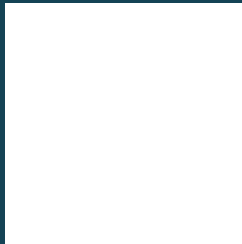
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 144355 Background



This preview shows how black text looks on a background with the Hex color 144355.

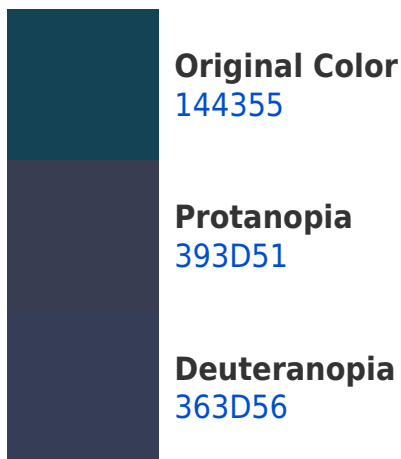



This preview shows how white text looks on a background with the Hex color 144355.

# 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](#).

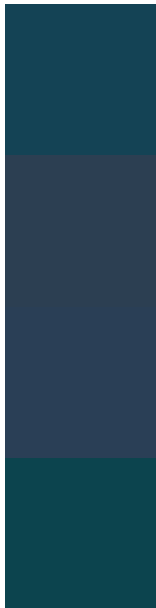
## Dichromacy





**Tritanopia**  
07454A

# Trichromacy



**Original Color**  
144355

**Protanomaly**  
2C3F52

**Deuteranomaly**  
2A3F56

**Tritanomaly**  
0C444E

# Monochromacy



**Original Color**  
144355

**Achromatopsia**  
373737

**Achromatomaly**  
2A3B42

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 144355 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 #144355 looks like.

```
.text, #text, p{  
    color:#144355  
}
```

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 #144355 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #144355
}
```

## Border

The CSS property to change the border of an element to Hex 144355 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
#144355 }
```

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

```
.border{ border-color:#144355 }
```

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

Here you see how a box with a 4 pixel #144355 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #144355; -webkit-box-shadow:4px 4px  
4px 4px #144355; box-shadow:4px 4px 4px  
4px #144355 }
```

# Background

The CSS property to change the background color of an element to Hex 144355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#144355 }
```

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

```
.background{ background-color:#144355 }
```

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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