

# Converting Colors

Hex(138557)

Have a look what the booklet for  
Hex(138557) contains.

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# Color

Hex(138557)

# Conversions

## Conversions Part 1

Format	Color
Hex	138557
RGB	19, 133, 87
RGB Percent	7%, 52%, 34%
CMY	0.9255, 0.4784, 0.6588
CMYK	0.86, 0.00, 0.35, 0.48
HSL	156°, 75%, 30%
HSV	156°, 86%, 52%
XYZ	10.3764, 17.6016, 11.8674
YIQ	93.6700, -53.1780, -38.4740

# Conversions

## Conversions Part 2

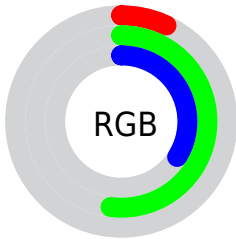
<b>Format</b>	<b>Color</b>
<b>RYB</b>	19, 90, 133
Decimal	1279319
CIELab	49.01, -41.24, 16.55
CIElCh	49, 44.441, 158.136
Yxy	17.6016, 0.2604, 0.4417
Android (android.graphics.Color)	4279469399 (0xFF138557)
YUV	93.6700, -3.2883, -65.4856
Hunter-Lab	41.9543, -29.2723, 12.5970

# Details

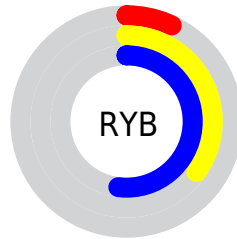
The Hex color **138557** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **851341**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **56BB89**, and **005229** is the 20% darker color. If you saturate the color by 10%, you get **068552**, and if you desaturate by 10%, it is **20855C**.

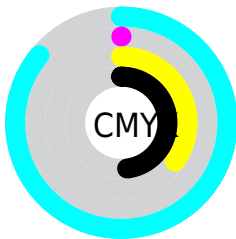
# Distribution



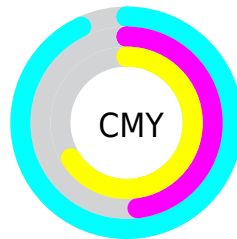
- Red (7%)
- Green (52%)
- Blue (34%)



- Red (7%)
- Yellow (35%)
- Blue (52%)



- Cyan (86%)
- Magenta (0%)
- Yellow (35%)
- Black (48%)



- Cyan (93%)
- Magenta (48%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 138557 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 138557 by changing the saturation by 10% instead.



 138557

 138557

FFFFFF

 006B3F

 56BB89

 005229

 72D7A3

 003A14

 8FF4BF

 002500

 ABFFDA

 000000

 C8FFF7

 E5FFFF

 138557

 138557

 068552

 20855C

■ 00854F

■ 2E8562

■ 3B8567

■ 48856C

■ 568572

■ 638577

■ 70857D

■ 7D8582

■ 8B8587

# Harmonies

## Analogous

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



577F36



138557



00877E

# Triad

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



138557



4075BF



B55A48

# Complementary

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



138557



851341

# 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.



BA536C



138557



8466B0

# Square

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



138557



0080BA



AA5891



A0682D

# Rectangle

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



138557



008697



AA5891



B85753



# Sweetspot

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



138557



80AD9B



428513



3C574C



D6D6D6



575757



# Same Dimension

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



138557



00AD67



137C85



3C4240



00824E



000302



# Inverse Universe

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



851341



AD0046



851D13



423C3E



820034



030001



# Previews

## White Background



This preview shows how the Hex color 138557 looks on a white background.

## Color Contrast Check

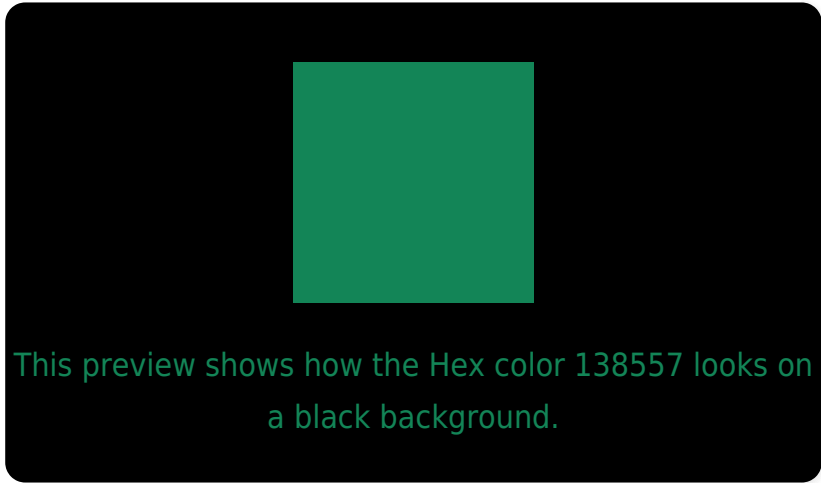
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

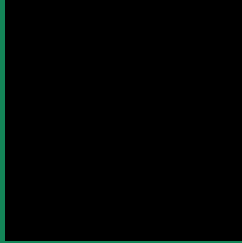
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 138557 Background



This preview shows how black text looks on a background with the Hex color 138557.



This preview shows how white text looks on a background with the Hex color 138557.

# 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](#).

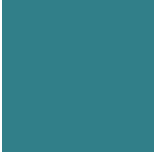
## Dichromacy



**Original Color**  
138557

**Protanopia**  
7D7450

**Deuteranopia**  
876F5C



**Tritanopia**  
317F89

# Trichromacy



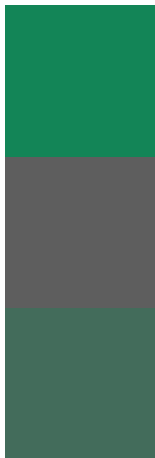
**Original Color**  
138557

**Protanomaly**  
567A53

**Deuteranomaly**  
5D775A

**Tritanomaly**  
268177

# Monochromacy



**Original Color**  
138557

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
436C5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 138557 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 #138557 looks like.

```
.text, #text, p{  
  color:#138557  
}
```

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 #138557 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #138557
}
```

## Border

The CSS property to change the border of an element to Hex 138557 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
#138557 }
```

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

```
.border{ border-color:#138557 }
```

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

Here you see how a box with a 4 pixel #138557 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #138557; -webkit-box-shadow:4px 4px  
4px 4px #138557; box-shadow:4px 4px 4px  
4px #138557 }
```

# Background

The CSS property to change the background color of an element to Hex 138557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#138557 }
```

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

```
.background{ background-color:#138557 }
```

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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