

Converting Colors

Hex(138F41)

Have a look what the booklet for
Hex(138F41) contains.

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Color

Hex(138F41)

Conversions

Conversions Part 1

Format	Color
Hex	138F41
RGB	19, 143, 65
RGB Percent	7%, 56%, 25%
CMY	0.9255, 0.4392, 0.7451
CMYK	0.87, 0.00, 0.55, 0.44
HSL	142°, 77%, 32%
HSV	142°, 87%, 56%
XYZ	11.0452, 20.1650, 8.3111
YIQ	97.0320, -48.8660, -50.5460

Conversions

Conversions Part 2

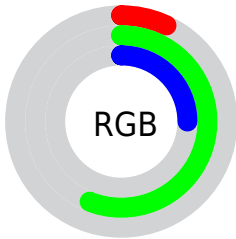
Format	Color
R_{YB}	19, 109, 143
Decimal	1281857
CIE _{Lab}	52.02, -49.21, 32.44
CIE _{LCh}	52, 58.941, 146.604
Yxy	20.1650, 0.2795, 0.5102
Android (android.graphics.Color)	4279471937 (0xFF138F41)
YUV	97.0320, -15.7918, -68.4341
Hunter-Lab	44.9055, -34.6799, 20.4604

Details

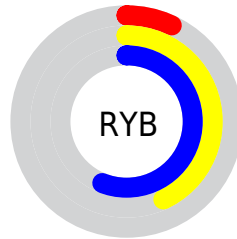
The Hex color **138F41** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **8F1361**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **59C673**, and **005B11** is the 20% darker color. If you saturate the color by 10%, you get **058F38**, and if you desaturate by 10%, it is **218F4A**.

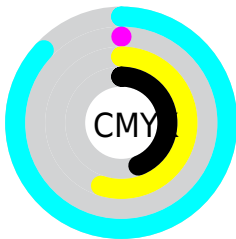
Distribution



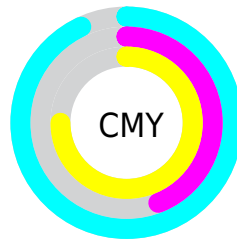
- Red (7%)
- Green (56%)
- Blue (25%)



- Red (7%)
- Yellow (43%)
- Blue (56%)



- Cyan (87%)
- Magenta (0%)
- Yellow (55%)
- Black (44%)



- Cyan (93%)
- Magenta (44%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 138F41 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 138F41 by changing the saturation by 10% instead.

 138F41

 138F41

FFFFFF

 007529

 59C673

 005B11

 76E28D

 004200

 93FFA8

 002D00

 B0FFC3

 000D00

 CDFFDF

 000000

 EAFFFC

 138F41

 138F41

 058F38

 218F4A

■ 008F35

■ 308F53

■ 3E8F5C

■ 4C8F65

■ 5B8F6E

■ 698F77

■ 778F80

■ 858F89

■ 948F92

Harmonies

Analogous

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



688611



138F41



009375

Triad

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



138F41



0084E1



D44F52

Complementary

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



138F41



8F1361

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.



D24984



138F41



7071D7

Square

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



138F41



008FD0



B35AB4



BF6325

Rectangle

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



138F41



009497



B35AB4



D64A62

Sweetspot

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



138F41



8ABA9C



628F13



415E4C



DEDEDE



5E5E5E

Same Dimension

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



138F41



00BA45



138F7E



404743



008732



000803

Inverse Universe

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



8F1361



BA0075



8F1324



474045



870055



080005

Previews

White Background



This preview shows how the Hex color 138F41 looks on a white background.

Color Contrast Check

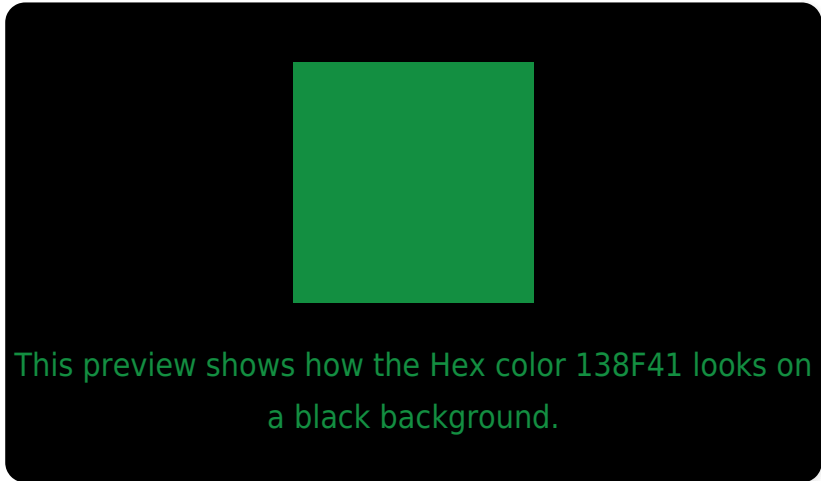
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

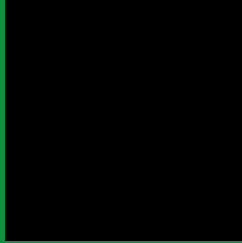
Any Text WCAG AA ✓ Pass

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 138F41 Background



This preview shows how black text looks on a background with the Hex color 138F41.



This preview shows how white text looks on a background with the Hex color 138F41.

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
138F41

Protanopia
897B3B

Deuteranopia
967648



Tritanopia
3A8691

Trichromacy



Original Color
138F41



Protanomaly
5E823D



Deuteranomaly
667F45



Tritanomaly
2C8974

Monochromacy



Original Color
138F41



Achromatopsia
616161



Achromatomaly
457255

CSS Examples

Text

The CSS property to change the color of the text to Hex 138F41 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 #138F41 looks like.

```
.text, #text, p{  
    color:#138F41  
}
```

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 #138F41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #138F41
}
```

Border

The CSS property to change the border of an element to Hex 138F41 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
#138F41 }
```

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

```
.border{ border-color:#138F41 }
```

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

Here you see how a box with a 4 pixel #138F41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #138F41; -webkit-box-shadow:4px 4px  
4px 4px #138F41; box-shadow:4px 4px 4px  
4px #138F41 }
```

Background

The CSS property to change the background color of an element to Hex 138F41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#138F41 }
```

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

```
.background{ background-color:#138F41 }
```

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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