

Converting Colors

Hex(136B41)

Have a look what the booklet for
Hex(136B41) contains.

Hex(136B41)	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(136B41)

Conversions

Conversions Part 1

Format	Color
Hex	136B41
RGB	19, 107, 65
RGB Percent	7%, 42%, 25%
CMY	0.9255, 0.5804, 0.7451
CMYK	0.82, 0.00, 0.39, 0.58
HSL	151°, 70%, 25%
HSV	151°, 82%, 42%
XYZ	6.4804, 11.0355, 6.7895
YIQ	75.9000, -38.9660, -31.7180

Conversions

Conversions Part 2

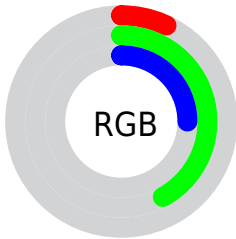
Format	Color
RYB	19, 77, 107
Decimal	1272641
CIELab	39.64, -35.56, 16.62
CIELCh	40, 39.258, 154.950
Yxy	11.0355, 0.2666, 0.4540
Android (android.graphics.Color)	4279462721 (0xFF136B41)
YUV	75.9000, -5.3737, -49.9013
Hunter-Lab	33.2197, -23.3133, 11.1359

Details

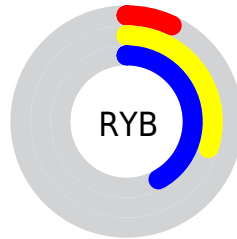
The Hex color **136B41** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **6B133D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **4F9F71**, and **003A15** is the 20% darker color. If you saturate the color by 10%, you get **086B3C**, and if you desaturate by 10%, it is **1E6B46**.

Distribution



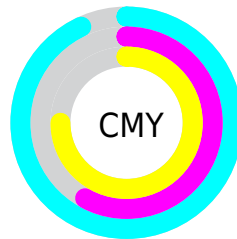
- Red (7%)
- Green (42%)
- Blue (25%)



- Red (7%)
- Yellow (30%)
- Blue (42%)



- Cyan (82%)
- Magenta (0%)
- Yellow (39%)
- Black (58%)



- Cyan (93%)
- Magenta (58%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 136B41 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 136B41 by changing the saturation by 10% instead.

 136B41

 136B41

FFFFFF

 00522B

 4F9F71

 003A15

 6ABB8B

 002500

 85D6A5

 000000

 A1F3C0

 BDFEFC

 D9FFF9

 F7FFFF

 136B41

 136B41

086B3C

1E6B46

006B38

286B4B

336B50

3E6B55

496B5B

536B60

5E6B65

696B6A

736B6F

Harmonies

Analogous

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



496626



136B41



006D62

Triad

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



136B41



245F9D



95463A

Complementary

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



136B41



6B133D

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.



974059



136B41



665392

Square

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



136B41



006897



894679



845222

Rectangle

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



136B41



006D77



894679



974344

Sweetspot

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



136B41



698C7C



3E6B13



32473D



C7C7C7



474747

Same Dimension

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



136B41



018C4A



136A6B



303633



00753D



00F580

Inverse Universe

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



6B133D



8C0144



6B1413



363033



750038



F50075

Previews

White Background



This preview shows how the Hex color 136B41 looks on a white background.

Color Contrast Check

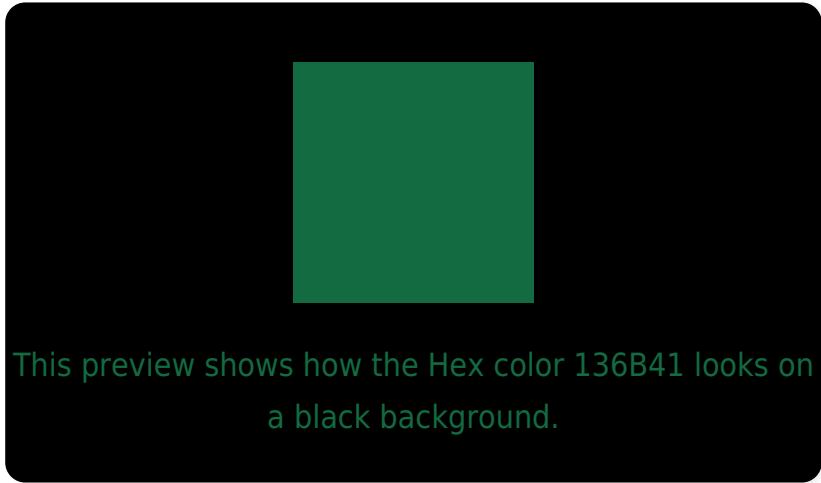
Large Text (above 18pt) WCAG AA ✓ Pass

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

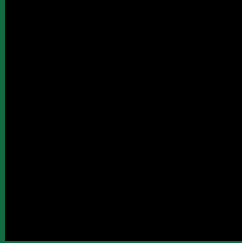
Any Text WCAG AA × Fail

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 136B41 Background



This preview shows how black text looks on a background with the Hex color 136B41.



This preview shows how white text looks on a background with the Hex color 136B41.

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
136B41

Protanopia
655D3B

Deuteranopia
6E5945



Tritanopia
2A666E

Trichromacy



Original Color
136B41

Protanomaly
47623D

Deuteranomaly
4D6044

Tritanomaly
22685E

Monochromacy



Original Color
136B41

Achromatopsia
4C4C4C

Achromatomaly
375748

CSS Examples

Text

The CSS property to change the color of the text to Hex 136B41 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 #136B41 looks like.

```
.text, #text, p{  
    color:#136B41  
}
```

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 #136B41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #136B41
}
```

Border

The CSS property to change the border of an element to Hex 136B41 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
#136B41 }
```

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

```
.border{ border-color:#136B41 }
```

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

Here you see how a box with a 4 pixel #136B41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #136B41; -webkit-box-shadow:4px 4px  
4px 4px #136B41; box-shadow:4px 4px 4px  
4px #136B41 }
```

Background

The CSS property to change the background color of an element to Hex 136B41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#136B41 }
```

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

```
.background{ background-color:#136B41 }
```

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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