

Converting Colors

Hex(168368)

Have a look what the booklet for
Hex(168368) contains.

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Color

Hex(168368)

Conversions

Conversions Part 1

Format	Color
Hex	168368
RGB	22, 131, 104
RGB Percent	9%, 51%, 41%
CMY	0.9137, 0.4863, 0.5922
CMYK	0.83, 0.00, 0.21, 0.49
HSL	165°, 71%, 30%
HSV	165°, 83%, 51%
XYZ	10.9459, 17.4026, 15.8788
YIQ	95.3310, -56.2970, -31.5050

Conversions

Conversions Part 2

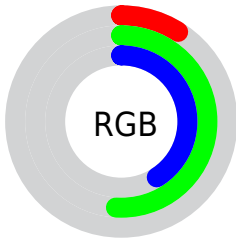
Format	Color
RYB	22, 84, 131
Decimal	1475432
CIELab	48.76, -35.89, 6.39
CIElCh	49, 36.455, 169.908
Yxy	17.4026, 0.2475, 0.3935
Android (android.graphics.Color)	4279665512 (0xFF168368)
YUV	95.3310, 4.2738, -64.3113
Hunter-Lab	41.7165, -26.1677, 6.6336

Details

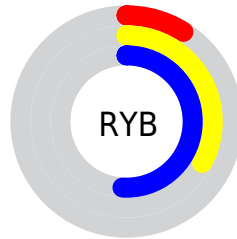
The Hex color **168368** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **831631**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **57B99B**, and **005139** is the 20% darker color. If you saturate the color by 10%, you get **098365**, and if you desaturate by 10%, it is **23836B**.

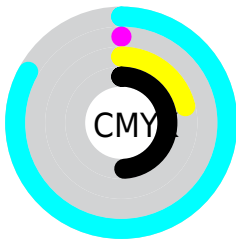
Distribution



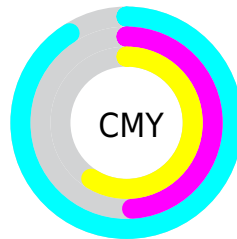
- Red (9%)
- Green (51%)
- Blue (41%)



- Red (9%)
- Yellow (33%)
- Blue (51%)



- Cyan (83%)
- Magenta (0%)
- Yellow (21%)
- Black (49%)



- Cyan (91%)
- Magenta (49%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 168368 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 168368 by changing the saturation by 10% instead.

 168368

 168368

FFFFFF

 006950

 57B99B

 005139

 74D5B6

 003924

 90F1D2

 00240E

 ACFFEE

 000000

 C9FFFF

 E7FFFF

 168368

 168368

 098365

 23836B

■ 008363

■ 30836E

■ 3D8372

■ 4A8375

■ 588378

■ 65837B

■ 72837F

■ 7F8382

■ 8C8385

Harmonies

Analogous

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



4E7F4B



168368



008488

Triad

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



168368



6670AE



A56346

Complementary

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



168368



831631

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.



AE5B60



168368



90649C

Square

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



168368



207AB0



A85B80



8F6E36

Rectangle

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



168368



00829B



A85B80



AA604E

Sweetspot

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



168368



80ABA0



318316



3D5750



D6D6D6



575757

Same Dimension

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



168368



00AB81



166883



3C4241



008262



000302

Inverse Universe

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



831631



AB002A



833116



423C3D



820020



030001

Previews

White Background



This preview shows how the Hex color 168368 looks on a white background.

Color Contrast Check

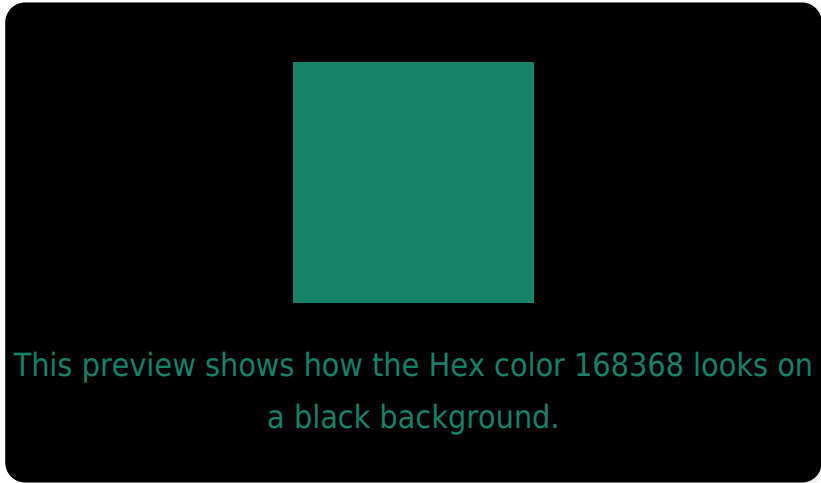
Large Text (above 18pt) WCAG AA ✓ Pass

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

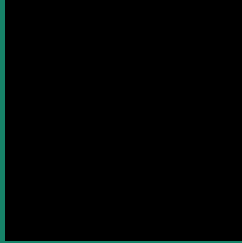
Any Text WCAG AA × Fail

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 168368 Background



This preview shows how black text looks on a background with the Hex color 168368.

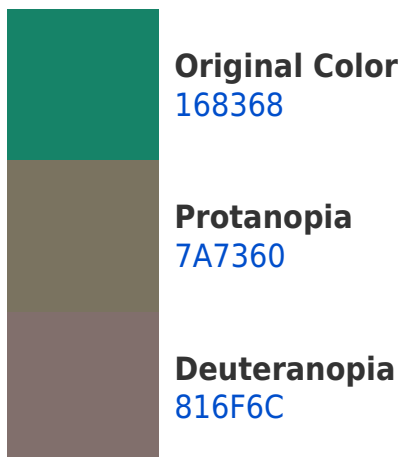


This preview shows how white text looks on a background with the Hex color 168368.

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
2C7F89

Trichromacy



Original Color
168368

Protanomaly
567963

Deuteranomaly
5A766B

Tritanomaly
24807D

Monochromacy



Original Color
168368

Achromatopsia
5F5F5F

Achromatomaly
446C62

CSS Examples

Text

The CSS property to change the color of the text to Hex 168368 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 #168368 looks like.

```
.text, #text, p{  
    color:#168368  
}
```

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 #168368 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #168368
}
```

Border

The CSS property to change the border of an element to Hex 168368 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
#168368 }
```

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

```
.border{ border-color:#168368 }
```

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

Here you see how a box with a 4 pixel #168368 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #168368; -webkit-box-shadow:4px 4px  
4px 4px #168368; box-shadow:4px 4px 4px  
4px #168368 }
```

Background

The CSS property to change the background color of an element to Hex 168368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#168368 }
```

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

```
.background{ background-color:#168368 }
```

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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