

Converting Colors

Hex(18644A)

Have a look what the booklet for
Hex(18644A) contains.

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Color

Hex(18644A)

Conversions

Conversions Part 1

Format	Color
Hex	18644A
RGB	24, 100, 74
RGB Percent	9%, 39%, 29%
CMY	0.9059, 0.6078, 0.7098
CMYK	0.76, 0.00, 0.26, 0.61
HSL	159°, 61%, 24%
HSV	159°, 76%, 39%
XYZ	6.1699, 9.8029, 8.0455
YIQ	74.3120, -36.9500, -24.1980

Conversions

Conversions Part 2

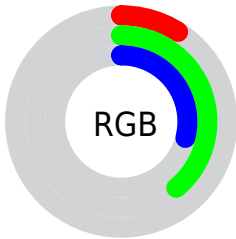
Format	Color
RYB	24, 70, 100
Decimal	1598538
CIELab	37.49, -29.60, 8.29
CIElCh	37, 30.737, 164.349
Yxy	9.8029, 0.2569, 0.4081
Android (android.graphics.Color)	4279788618 (0xFF18644A)
YUV	74.3120, -0.1538, -44.1236
Hunter-Lab	31.3097, -19.6166, 6.6812

Details

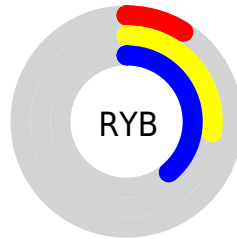
The Hex color **18644A** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **641832**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **50987B**, and **00341E** is the 20% darker color. If you saturate the color by 10%, you get **0E6447**, and if you desaturate by 10%, it is **22644D**.

Distribution



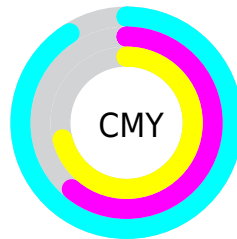
- Red (9%)
- Green (39%)
- Blue (29%)



- Red (9%)
- Yellow (27%)
- Blue (39%)



- Cyan (76%)
- Magenta (0%)
- Yellow (26%)
- Black (61%)



- Cyan (91%)
- Magenta (61%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 18644A 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 18644A by changing the saturation by 10% instead.

 18644A

 18644A

FFFFFF

 004C33

 50987B

 00341E

 6AB394

 002106

 85CEAF

 000000

 A1EBCB

 BCFFE7

 D9FFFF

 F6FFFF

 18644A

 18644A

■ 0E6447

■ 22644D

■ 046443

■ 2C6451

■ 006442

■ 366454

■ 406458

■ 4A645B

■ 54645F

■ 5E6462

■ 686465

■ 726469

Harmonies

Analogous

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



406134



18644A



006564

Triad

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



18644A



455788



824937

Complementary

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



18644A



641832

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.



87444D



18644A



6A4D7C

Square

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



18644A



005F88



804566



725228

Rectangle

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



18644A



006473



804566



85473E

Sweetspot

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



18644A



648278



336418



30423C



C2C2C2



424242

Same Dimension

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



18644A



0C825A



185964



2E3331



00734B



00F29F

Inverse Universe

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



641832



820C34



642318



332E30



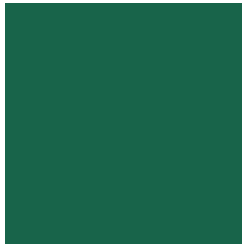
730027



F20053

Previews

White Background



This preview shows how the Hex color 18644A looks on a white background.

Color Contrast Check

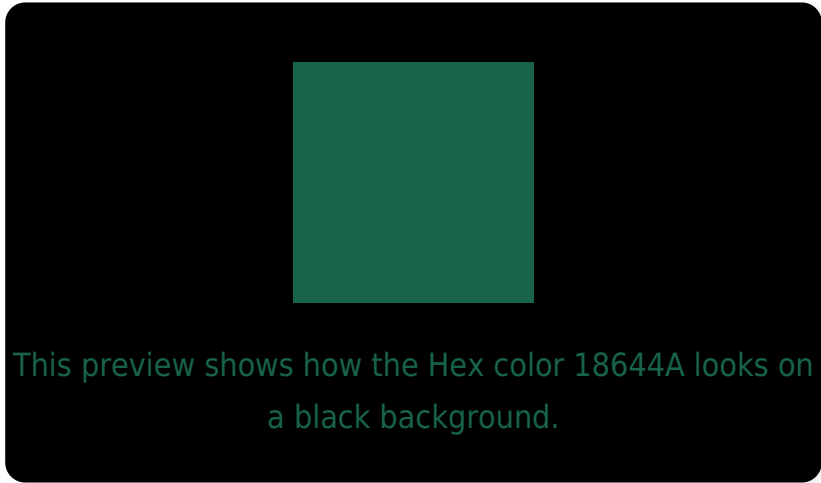
Large Text (above 18pt) WCAG AA ✓ Pass

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

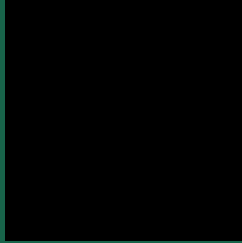
Any Text WCAG AA × Fail

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 18644A Background



This preview shows how black text looks on a background with the Hex color 18644A.



This preview shows how white text looks on a background with the Hex color 18644A.

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
18644A

Protanopia
5E5844

Deuteranopia
64554D



Tritanopia
276068

Trichromacy



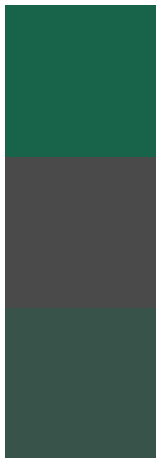
Original Color
18644A

Protanomaly
455C46

Deuteranomaly
485A4C

Tritanomaly
22615D

Monochromacy



Original Color
18644A

Achromatopsia
4A4A4A

Achromatomaly
38534A

CSS Examples

Text

The CSS property to change the color of the text to Hex 18644A 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 #18644A looks like.

```
.text, #text, p{  
    color:#18644A  
}
```

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 #18644A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #18644A
}
```

Border

The CSS property to change the border of an element to Hex 18644A 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
#18644A }
```

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

```
.border{ border-color:#18644A }
```

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

Here you see how a box with a 4 pixel #18644A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #18644A; -webkit-box-shadow:4px 4px  
4px 4px #18644A; box-shadow:4px 4px 4px  
4px #18644A }
```

Background

The CSS property to change the background color of an element to Hex 18644A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#18644A }
```

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

```
.background{ background-color:#18644A }
```

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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