

Converting Colors

Hex(104944)

Have a look what the booklet for
Hex(104944) contains.

Hex(104944)	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(104944)

Conversions

Conversions Part 1

Format	Color
Hex	104944
RGB	16, 73, 68
RGB Percent	6%, 29%, 27%
CMY	0.9373, 0.7137, 0.7333
CMYK	0.78, 0.00, 0.07, 0.71
HSL	175°, 64%, 17%
HSV	175°, 78%, 29%
XYZ	3.6396, 5.2926, 6.2986
YIQ	55.3870, -32.3670, -13.6390

Conversions

Conversions Part 2

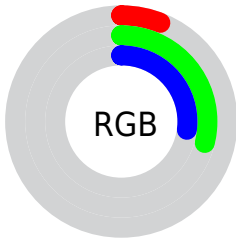
Format	Color
R_{YB}	16, 46, 73
Decimal	1067332
CIE Lab	27.55, -19.20, -2.26
CIE LCh	28, 19.330, 186.711
Yxy	5.2926, 0.2390, 0.3475
Android (android.graphics.Color)	4279257412 (0xFF104944)
YUV	55.3870, 6.2182, -34.5424
Hunter-Lab	23.0057, -12.0202, -0.1287

Details

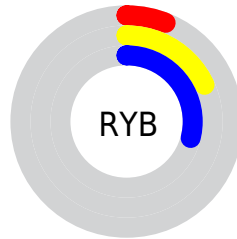
The Hex color **104944** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **491015**, and the grayscale version is **373737**.

A 20% lighter version of the original color is **457A74**, and **001E19** is the 20% darker color. If you saturate the color by 10%, you get **094943**, and if you desaturate by 10%, it is **174945**.

Distribution



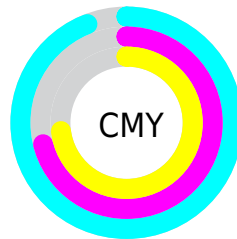
- Red (6%)
- Green (29%)
- Blue (27%)



- Red (6%)
- Yellow (18%)
- Blue (29%)



- Cyan (78%)
- Magenta (0%)
- Yellow (7%)
- Black (71%)



- Cyan (94%)
- Magenta (71%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 104944 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 104944 by changing the saturation by 10% instead.



104944



104944

FFFFFF



00322E



457A74



001E19



5F948E



000000



79AFA8



93CAC3



AEE6DF



CAFFFC



E7FFFF



104944



104944

■ 094943

■ 174945

■ 014943

■ 1F4945

■ 004943

■ 264946

■ 2D4947

■ 354947

■ 3C4948

■ 434948

■ 4A4949

■ 52494A

Harmonies

Analogous

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



254835



104944



014852

Triad

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



104944



473C59



543C26

Complementary

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



104944



491015

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.



5C3830



104944



56374D

Square

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



104944



31415E



5E353E



484123

Rectangle

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



104944



0D4759



5E353E



583A29

Sweetspot

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



104944



495E5C



164910



23302F



B0B0B0



303030

Same Dimension

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



104944



065E57



103249



202423



00635B



00E3CF

Inverse Universe

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



491015



5E060D



492710



242020



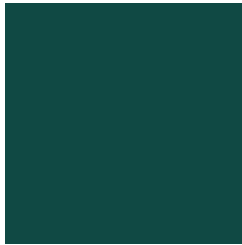
630009



E30014

Previews

White Background



This preview shows how the Hex color 104944 looks on a white background.

Color Contrast Check

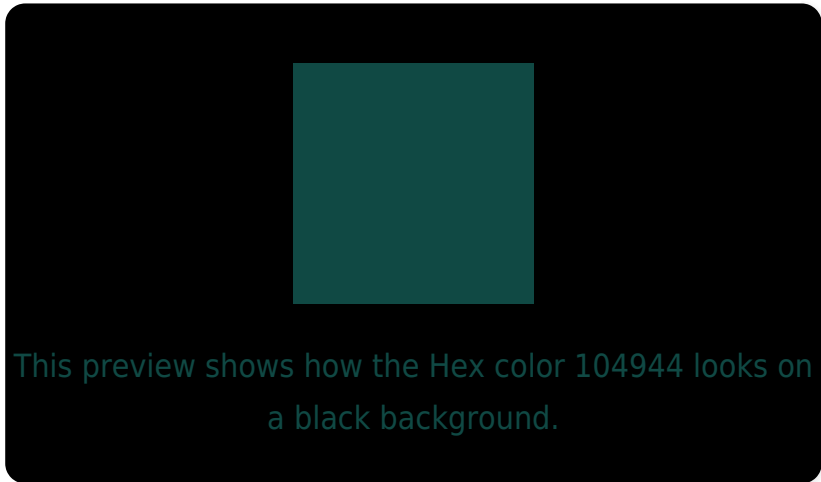
Large Text (above 18pt) WCAG AA ✓ Pass

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

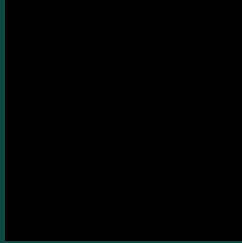
Any Text WCAG AA × Fail

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 104944 Background



This preview shows how black text looks on a background with the Hex color 104944.



This preview shows how white text looks on a background with the Hex color 104944.

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](#).

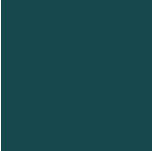
Dichromacy



Original Color
104944

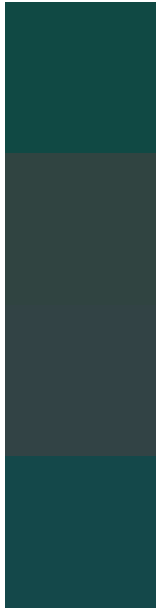
Protanopia
43413F

Deuteranopia
453F46



Tritanopia
17484D

Trichromacy



Original Color
104944

Protanomaly
304441

Deuteranomaly
324345

Tritanomaly
14484A

Monochromacy



Original Color
104944

Achromatopsia
373737

Achromatomaly
293E3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 104944 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 #104944 looks like.

```
.text, #text, p{  
    color:#104944  
}
```

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 #104944 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #104944
}
```

Border

The CSS property to change the border of an element to Hex 104944 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".

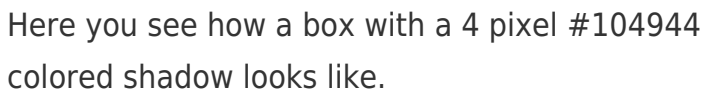
```
.border, #border, table{ border:4px solid
#104944 }
```

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

```
.border{ border-color:#104944 }
```

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

Here you see how a box with a 4 pixel #104944 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #104944; -webkit-box-shadow:4px 4px  
4px 4px #104944; box-shadow:4px 4px 4px  
4px #104944 }
```

Background

The CSS property to change the background color of an element to Hex 104944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#104944 }
```

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

```
.background{ background-color:#104944 }
```

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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