

# Converting Colors

Hex(104D5E)

Have a look what the booklet for  
Hex(104D5E) contains.

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# Color

**Hex(104D5E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	104D5E
RGB	16, 77, 94
RGB Percent	6%, 30%, 37%
CMY	0.9373, 0.6980, 0.6314
CMYK	0.83, 0.18, 0.00, 0.63
HSL	193°, 71%, 22%
HSV	193°, 83%, 37%
XYZ	4.8879, 6.2261, 11.5338
YIQ	60.6990, -41.8130, -7.6450

# Conversions

## Conversions Part 2

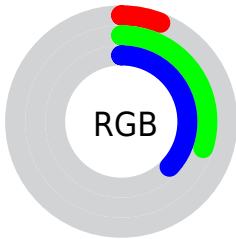
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	16, 50, 94
Decimal	1068382
CIE <sub>Lab</sub>	29.98, -12.23, -15.36
CIE <sub>LCh</sub>	30, 19.639, 231.467
Yxy	6.2261, 0.2158, 0.2749
Android (android.graphics.Color)	4279258462 (0xFF104D5E)
YUV	60.6990, 16.4174, -39.2010
Hunter-Lab	24.9521, -8.6992, -9.9396

# Details

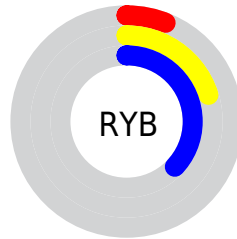
The Hex color **104D5E** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **5E2110**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **4A7E90**, and **002130** is the 20% darker color. If you saturate the color by 10%, you get **074B5E**, and if you desaturate by 10%, it is **194F5E**.

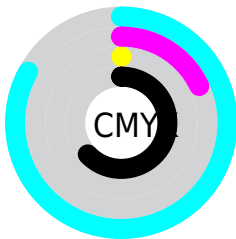
# Distribution



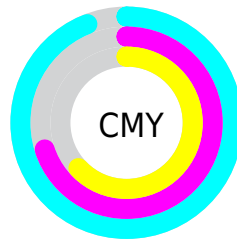
- Red (6%)
- Green (30%)
- Blue (37%)



- Red (6%)
- Yellow (20%)
- Blue (37%)



- Cyan (83%)
- Magenta (18%)
- Yellow (0%)
- Black (63%)



- Cyan (94%)
- Magenta (70%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 104D5E 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 104D5E by changing the saturation by 10% instead.



104D5E

104D5E

FFFFFF

003646

4A7E90

002130

6498AB

00011C

7FB3C6

000000

9ACEE2

B6EBFF

D2FFFF

FFFFFF

104D5E

104D5E

074B5E

194F5E

004A5E

23515E

2C535E

36555E

3F575E

48595E

525B5E

5B5D5E

655F5E

# Harmonies

## Analogous

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



0D4F51



104D5E



294964

# Triad

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



104D5E



613B4C



46492A

# Complementary

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



104D5E



5E2110

# 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.



554428



104D5E



643B3C

# Square

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



104D5E



563F5A



603F2F



344D33

# Rectangle

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



104D5E



3A4664



603F2F



4B4828



# Sweetspot

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



104D5E



5C747A



105E21



2B393D



BDBDBD



3D3D3D



# Same Dimension

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



104D5E



00607A



10265E



292D2E



00566E



00B9ED



# Inverse Universe

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



5E104D



7A0060



5E4810



2E292D



6E0056

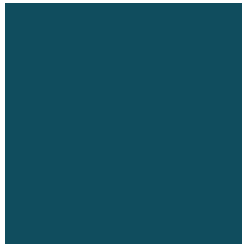


ED00B9



# Previews

## White Background



This preview shows how the Hex color 104D5E looks on a white background.

## Color Contrast Check

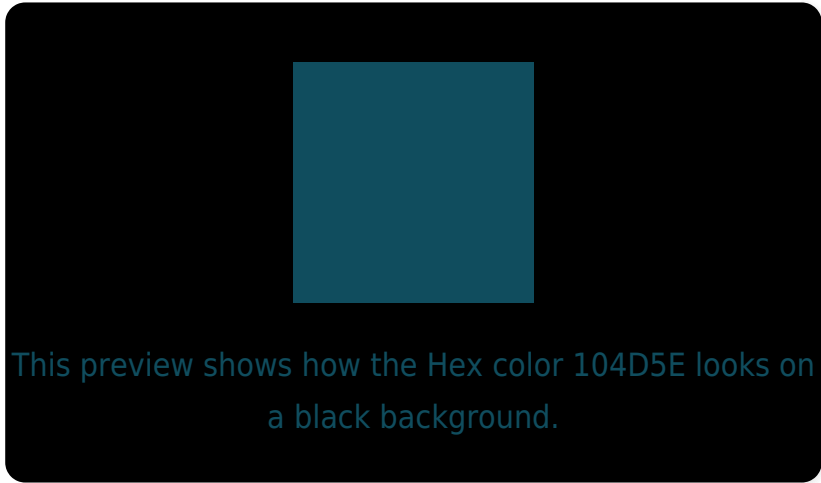
Large Text (above 18pt) WCAG AA ✓ Pass

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

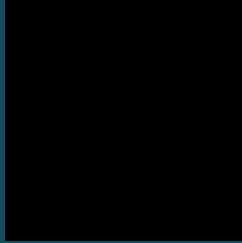
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

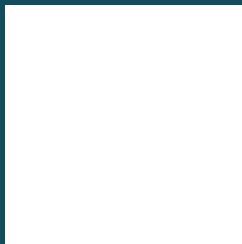
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 104D5E Background



This preview shows how black text looks on a background with the Hex color 104D5E.



This preview shows how white text looks on a background with the Hex color 104D5E.

# 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

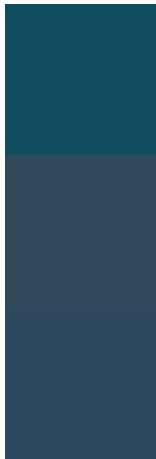


**Original Color**  
104D5E

**Protanopia**  
424659

**Deuteranopia**  
3F4660

# Trichromacy



**Original Color**  
104D5E

**Protanomaly**  
30495B

**Deuteranomaly**  
2E495F

# Monochromacy



**Original Color**  
104D5E

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
2D4349

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 104D5E 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 #104D5E looks like.

```
.text, #text, p{  
    color:#104D5E  
}
```

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 #104D5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #104D5E
}
```

## Border

The CSS property to change the border of an element to Hex 104D5E 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
#104D5E }
```

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

```
.border{ border-color:#104D5E }
```

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

Here you see how a box with a 4 pixel #104D5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #104D5E; -webkit-box-shadow:4px 4px  
4px 4px #104D5E; box-shadow:4px 4px 4px  
4px #104D5E }
```

# Background

The CSS property to change the background color of an element to Hex 104D5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#104D5E }
```

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

```
.background{ background-color:#104D5E }
```

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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