

# Converting Colors

Hex(14605E)

Have a look what the booklet for  
Hex(14605E) contains.

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# Color

**Hex(14605E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	14605E
RGB	20, 96, 94
RGB Percent	8%, 38%, 37%
CMY	0.9216, 0.6235, 0.6314
CMYK	0.79, 0.00, 0.02, 0.62
HSL	178°, 66%, 23%
HSV	178°, 79%, 38%
XYZ	6.4917, 9.3226, 12.0470
YIQ	73.0480, -44.6540, -16.7340

# Conversions

## Conversions Part 2

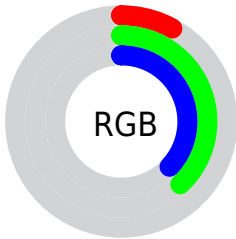
Format	Color
R <sub>Y</sub> B	20, 59, 96
Decimal	1335390
CIE Lab	36.60, -22.33, -5.33
CIE LCh	37, 22.960, 193.418
Yxy	9.3226, 0.2330, 0.3346
Android (android.graphics.Color)	4279525470 (0xFF14605E)
YUV	73.0480, 10.3293, -46.5231
Hunter-Lab	30.5330, -15.4810, -2.0202

# Details

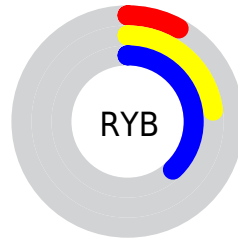
The Hex color **14605E** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **601416**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **4E9390**, and **003130** is the 20% darker color. If you saturate the color by 10%, you get **0A605E**, and if you desaturate by 10%, it is **1E605E**.

# Distribution



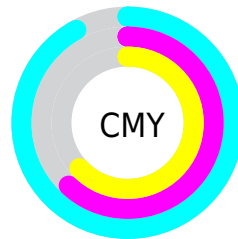
- Red (8%)
- Green (38%)
- Blue (37%)



- Red (8%)
- Yellow (23%)
- Blue (38%)



- Cyan (79%)
- Magenta (0%)
- Yellow (2%)
- Black (62%)



- Cyan (92%)
- Magenta (62%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14605E 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 14605E by changing the saturation by 10% instead.



 14605E

 14605E

FFFFFF

 004846

 4E9390

 003130

 69AEAB

 001E1B

 84C9C6

 000000

 A0E5E2

 BCFFFF

 D8FFFF

 F5FFFF

 14605E

 14605E

■ 0A605E

■ 1E605E

■ 01605D

■ 27605F

■ 00605D

■ 31605F

■ 3A605F

■ 44605F

■ 4E6060

■ 576060

■ 616060

■ 6A6060

# Harmonies

## Analogous

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



2E5F4B



14605E



0A5F6F

# Triad

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



14605E



634E71



6B5133

# Complementary

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



14605E



601416

# 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.



774B3E



14605E



744961

# Square

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



14605E



49557A



7A484E



5A5832

# Rectangle

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



14605E



1E5C77



7A484E



704F36



# Sweetspot

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



14605E



5F7D7C



176014



2D403F



BFBFBF



404040



# Same Dimension

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



14605E



067D7A



143D60



2C3030



00706D



00F0E9



# Inverse Universe

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



601416



7D0609



603714



302C2C



700003

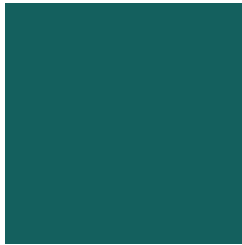


F00006



# Previews

## White Background



This preview shows how the Hex color 14605E looks on a white background.

## Color Contrast Check

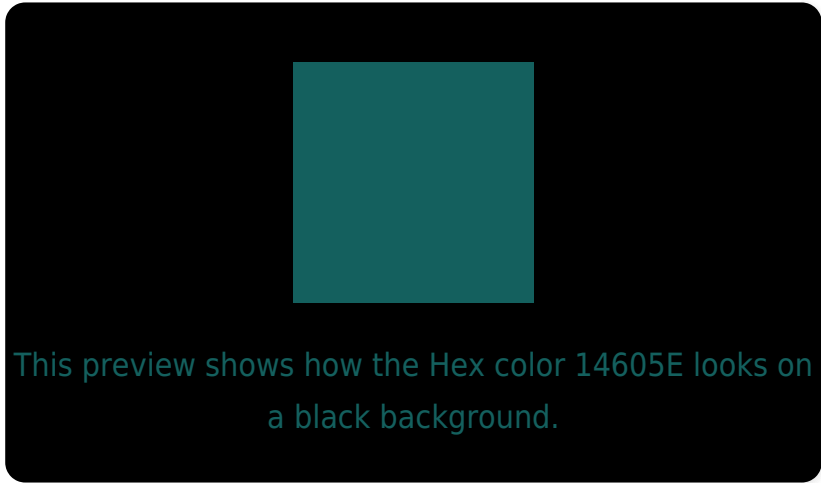
Large Text (above 18pt) WCAG AA ✓ Pass

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

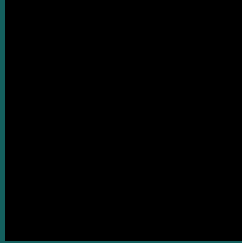
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 14605E Background



This preview shows how black text looks on a background with the Hex color 14605E.

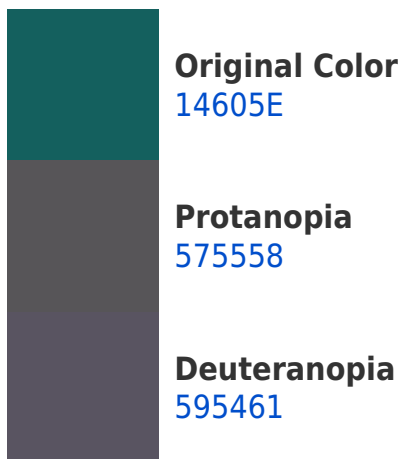


This preview shows how white text looks on a background with the Hex color 14605E.

# 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](#).

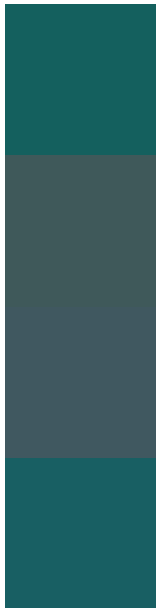
## Dichromacy





**Tritanopia**  
1B5F66

# Trichromacy



**Original Color**  
14605E

**Protanomaly**  
3F595A

**Deuteranomaly**  
405860

**Tritanomaly**  
185F63

# Monochromacy



**Original Color**  
14605E

**Achromatopsia**  
494949

**Achromatomaly**  
365151

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14605E 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 #14605E looks like.

```
.text, #text, p{  
    color:#14605E  
}
```

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 #14605E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14605E
}
```

## Border

The CSS property to change the border of an element to Hex 14605E 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
#14605E }
```

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

```
.border{ border-color:#14605E }
```

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

Here you see how a box with a 4 pixel #14605E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14605E; -webkit-box-shadow:4px 4px  
4px 4px #14605E; box-shadow:4px 4px 4px  
4px #14605E }
```

# Background

The CSS property to change the background color of an element to Hex 14605E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14605E }
```

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

```
.background{ background-color:#14605E }
```

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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