

Converting Colors

Hex(14536E)

Have a look what the booklet for
Hex(14536E) contains.

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Color

Hex(14536E)

Conversions

Conversions Part 1

Format	Color
Hex	14536E
RGB	20, 83, 110
RGB Percent	8%, 33%, 43%
CMY	0.9216, 0.6745, 0.5686
CMYK	0.82, 0.25, 0.00, 0.57
HSL	198°, 69%, 25%
HSV	198°, 82%, 43%
XYZ	6.1962, 7.4610, 15.8654
YIQ	67.2410, -46.2150, -4.9590

Conversions

Conversions Part 2

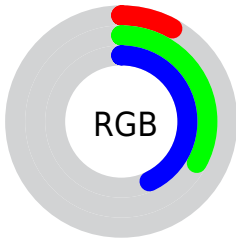
Format	Color
R_{YB}	20, 57, 110
Decimal	1332078
CIE _{Lab}	32.83, -9.26, -21.05
CIE _{LCh}	33, 22.993, 246.253
Yxy	7.4610, 0.2099, 0.2527
Android (android.graphics.Color)	4279522158 (0xFF14536E)
YUV	67.2410, 21.0802, -41.4304
Hunter-Lab	27.3149, -7.3094, -15.3172

Details

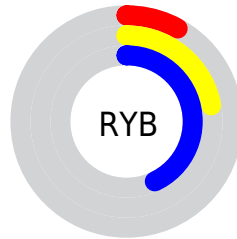
The Hex color **14536E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **6E2F14**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **4F84A2**, and **00263E** is the 20% darker color. If you saturate the color by 10%, you get **09506E**, and if you desaturate by 10%, it is **1F566E**.

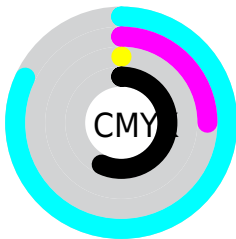
Distribution



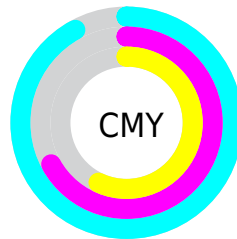
- Red (8%)
- Green (33%)
- Blue (43%)



- Red (8%)
- Yellow (22%)
- Blue (43%)



- Cyan (82%)
- Magenta (25%)
- Yellow (0%)
- Black (57%)



- Cyan (92%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14536E 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 14536E by changing the saturation by 10% instead.

■ 14536E

■ 14536E

FFFFFF

■ 003C56

■ 4F84A2

■ 00263E

■ 6A9FBD

■ 001228

■ 85B9D9

■ 000113

■ A1D5F5

■ 000000

■ BDF2FF

■ DAFFFF

■ F7FFFF

■ 14536E

■ 14536E

■ 09506E

■ 1F566E

■ 004D6E

■ 2A5A6E

■ 355D6E

■ 40606E

■ 4B636E

■ 56676E

■ 616A6E

■ 6C6D6E

■ 77716E

Harmonies

Analogous

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



005662



14536E



384E71

Triad

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



14536E



703F4A



42522F

Complementary

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



14536E



6E2F14

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.



554D29



14536E



6F4139

Square

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



14536E



67415C



65472C



2B563E

Rectangle

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



14536E



4C496E



65472C



49512C

Sweetspot

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



14536E



6B848F



146E2F



324147



C7C7C7



474747

Same Dimension

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



14536E



03658F



14266E



323638



005478



00ADF7

Inverse Universe

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



6E1453



8F0365



6E5C14



383236



780054



F700AD

Previews

White Background



This preview shows how the Hex color 14536E looks on a white background.

Color Contrast Check

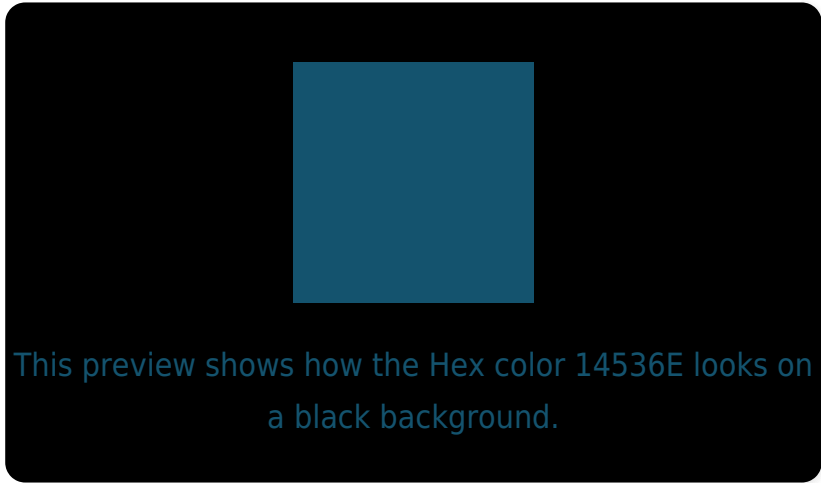
Large Text (above 18pt) WCAG AA ✓ Pass

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

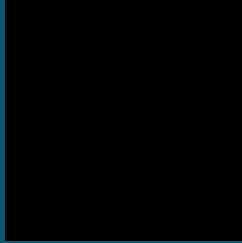
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

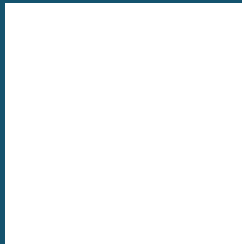
Any Text WCAG AAA × Fail

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

Hex 14536E Background



This preview shows how black text looks on a background with the Hex color 14536E.



This preview shows how white text looks on a background with the Hex color 14536E.

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
14536E

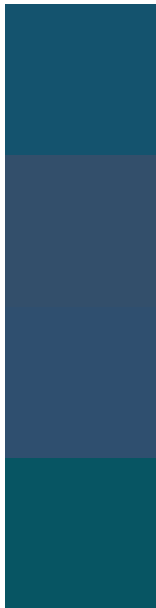
Protanopia
454C69

Deuteranopia
3F4C70



Tritanopia
00565C

Trichromacy



Original Color
14536E

Protanomaly
334F6B

Deuteranomaly
2F4F6F

Tritanomaly
075563

Monochromacy



Original Color
14536E

Achromatopsia
434343

Achromatomaly
324953

CSS Examples

Text

The CSS property to change the color of the text to Hex 14536E 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 #14536E looks like.

```
.text, #text, p{  
    color:#14536E  
}
```

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 #14536E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14536E
}
```

Border

The CSS property to change the border of an element to Hex 14536E 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
#14536E }
```

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

```
.border{ border-color:#14536E }
```

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

Here you see how a box with a 4 pixel #14536E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14536E; -webkit-box-shadow:4px 4px  
4px 4px #14536E; box-shadow:4px 4px 4px  
4px #14536E }
```

Background

The CSS property to change the background color of an element to Hex 14536E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14536E }
```

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

```
.background{ background-color:#14536E }
```

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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