

# Converting Colors

Hex(1A455F)

Have a look what the booklet for  
Hex(1A455F) contains.

<b>Hex(1A455F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(1A455F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1A455F
RGB	26, 69, 95
RGB Percent	10%, 27%, 37%
CMY	0.8980, 0.7294, 0.6275
CMYK	0.73, 0.27, 0.00, 0.63
HSL	203°, 57%, 24%
HSV	203°, 73%, 37%
XYZ	4.6197, 5.3021, 11.6064
YIQ	59.1070, -33.9740, -1.0300

# Conversions

## Conversions Part 2

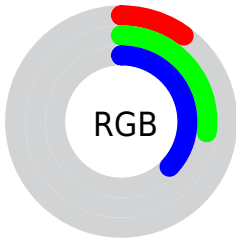
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 52, 95
Decimal	1721695
CIE <sub>Lab</sub>	27.58, -5.37, -19.69
CIE <sub>LCh</sub>	28, 20.412, 254.754
Yxy	5.3021, 0.2146, 0.2463
Android (android.graphics.Color)	4279911775 (0xFF1A455F)
YUV	59.1070, 17.6952, -29.0348
Hunter-Lab	23.0262, -4.4840, -13.7668

# Details

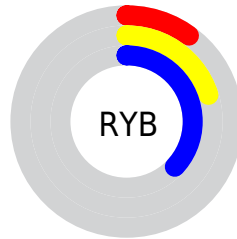
The Hex color **1A455F** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5F341A**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **4F7592**, and **001A31** is the 20% darker color. If you saturate the color by 10%, you get **10415F**, and if you desaturate by 10%, it is **23495F**.

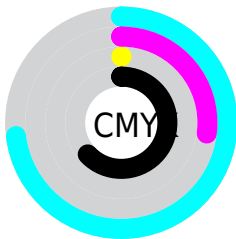
# Distribution



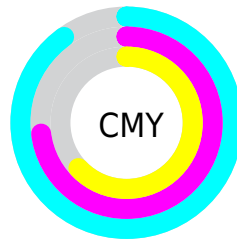
- Red (10%)
- Green (27%)
- Blue (37%)



- Red (10%)
- Yellow (20%)
- Blue (37%)



- Cyan (73%)
- Magenta (27%)
- Yellow (0%)
- Black (63%)



- Cyan (90%)
- Magenta (73%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1A455F 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 1A455F by changing the saturation by 10% instead.



■ 1A455F

■ 1A455F

FFFFFF

■ 002F47

■ 4F7592

■ 001A31

■ 698FAC

■ 00011C

■ 83A9C8

■ 000000

■ 9EC4E4

■ BAE0FF

■ D6FDFF

■ F3FFFF

■ 1A455F

■ 1A455F

■ 10415F

■ 23495F

■ 073E5F

■ 2D4C5F

■ 003B5F

■ 37505F

■ 40535F

■ 4A575F

■ 535A5F

■ 5D5E5F

■ 66625F

■ 6F655F

# Harmonies

## Analogous

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



004857



1A455F



37405F

# Triad

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



1A455F



5F353A



32472A

# Complementary

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



1A455F



5F341A

# 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.



444322



1A455F



5C382C

# Square

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



1A455F



5A364A



523D23



1D4938

# Rectangle

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



1A455F



463C5B



523D23



384527



# Sweetspot

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



1A455F



5F707A



1A5F33



2D373D



BDBDBD



3D3D3D



# Same Dimension

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



1A455F



10527A



1A235F



2C2F30



004670



0095F0



# Inverse Universe

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



5F1A45



7A1052



5F561A



302C2F



700046

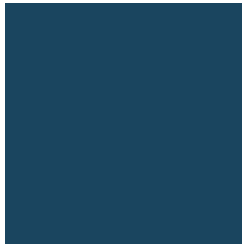


F00095



# Previews

## White Background



This preview shows how the Hex color 1A455F looks on a white background.

### Color Contrast Check

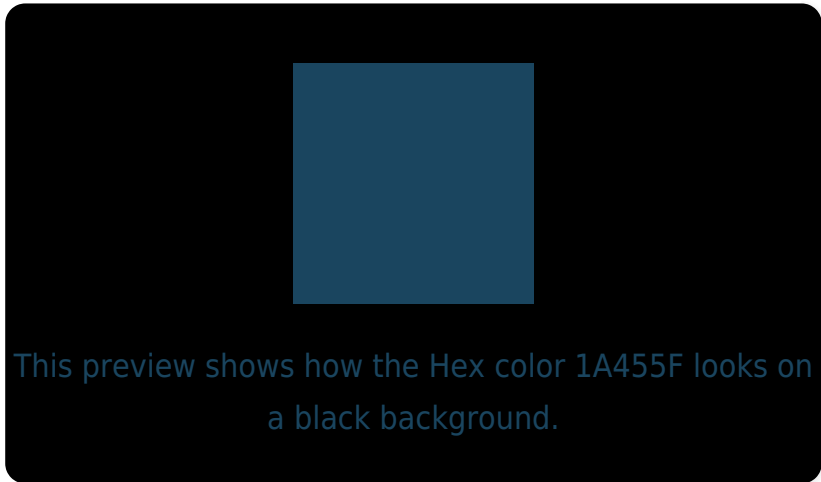
Large Text (above 18pt) WCAG AA ✓ Pass

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

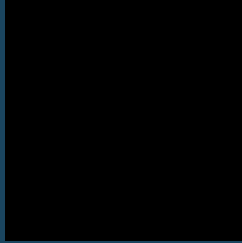
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1A455F Background



This preview shows how black text looks on a background with the Hex color 1A455F.



This preview shows how white text looks on a background with the Hex color 1A455F.

# 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**  
1A455F

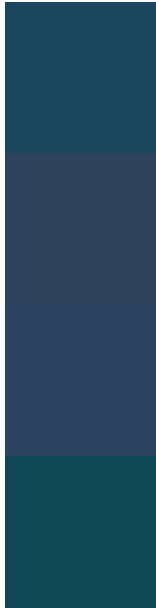
**Protanopia**  
39405B

**Deuteranopia**  
344160



**Tritanopia**  
0A484E

# Trichromacy



**Original Color**  
1A455F

**Protanomaly**  
2E425C

**Deuteranomaly**  
2B4260

**Tritanomaly**  
104754

# Monochromacy



**Original Color**  
1A455F

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
2F3F48

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1A455F 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 #1A455F looks like.

```
.text, #text, p{  
    color:#1A455F  
}
```

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 #1A455F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A455F
}
```

## Border

The CSS property to change the border of an element to Hex 1A455F 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
#1A455F }
```

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

```
.border{ border-color:#1A455F }
```

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

Here you see how a box with a 4 pixel #1A455F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A455F; -webkit-box-shadow:4px 4px  
4px 4px #1A455F; box-shadow:4px 4px 4px  
4px #1A455F }
```

# Background

The CSS property to change the background color of an element to Hex 1A455F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A455F }
```

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

```
.background{ background-color:#1A455F }
```

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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