

# Converting Colors

Hex(144E78)

Have a look what the booklet for  
Hex(144E78) contains.

<b>Hex(144E78)</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(144E78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	144E78
RGB	20, 78, 120
RGB Percent	8%, 31%, 47%
CMY	0.9216, 0.6941, 0.5294
CMYK	0.83, 0.35, 0.00, 0.53
HSL	205°, 71%, 27%
HSV	205°, 83%, 47%
XYZ	6.4030, 6.9536, 18.7740
YIQ	65.4460, -48.0500, 0.7660

# Conversions

## Conversions Part 2

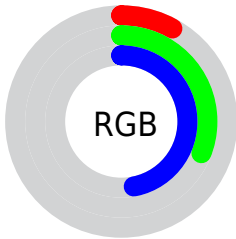
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	20, 57, 120
Decimal	1330808
CIE <sub>Lab</sub>	31.70, -2.16, -29.07
CIE <sub>LCh</sub>	32, 29.154, 265.751
Yxy	6.9536, 0.1993, 0.2164
Android (android.graphics.Color)	4279520888 (0xFF144E78)
YUV	65.4460, 26.8951, -39.8561
Hunter-Lab	26.3696, -2.8036, -23.7531

# Details

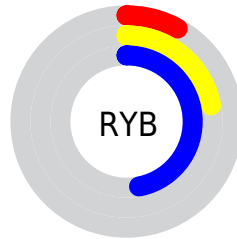
The Hex color **144E78** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **783E14**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **517FAD**, and **002247** is the 20% darker color. If you saturate the color by 10%, you get **084978**, and if you desaturate by 10%, it is **205378**.

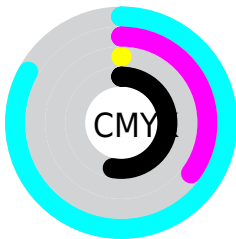
# Distribution



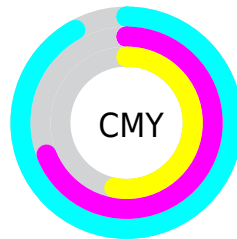
- Red (8%)
- Green (31%)
- Blue (47%)



- Red (8%)
- Yellow (22%)
- Blue (47%)



- Cyan (83%)
- Magenta (35%)
- Yellow (0%)
- Black (53%)



- Cyan (92%)
- Magenta (69%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 144E78 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 144E78 by changing the saturation by 10% instead.



■ 144E78

■ 144E78

FFFFFF

■ 00375F

■ 517FAD

■ 002247

■ 6D99C8

■ 000B31

■ 88B3E4

■ 00011B

■ A4CFFF

■ 000000

■ C0EBFF

■ DDFFFF

■ FAFFFF

■ 144E78

■ 144E78

■ 084978

■ 205378

■ 004678

■ 2C5878

■ 385D78

■ 446278

■ 506778

■ 5C6C78

■ 687178

■ 747678

■ 807B78

# Harmonies

## Analogous

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



005370



144E78



474674

# Triad

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



144E78



753938



285430

# Complementary

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



144E78



783E14

# 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.



444F20



144E78



6C4025

# Square

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



144E78



73374F



5B481B



005646

# Rectangle

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



144E78



5C406B



5B481B



325229



# Sweetspot

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



144E78



758B9C



14783E



37454F



CFCFCF



4F4F4F



# Same Dimension

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



144E78



005A9C



141C78



373B3D



00487D



0092FC



# Inverse Universe

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



78144E



9C005A



787014



3D373B



7D0048



FC0092



# Previews

## White Background



This preview shows how the Hex color 144E78 looks on a white background.

## Color Contrast Check

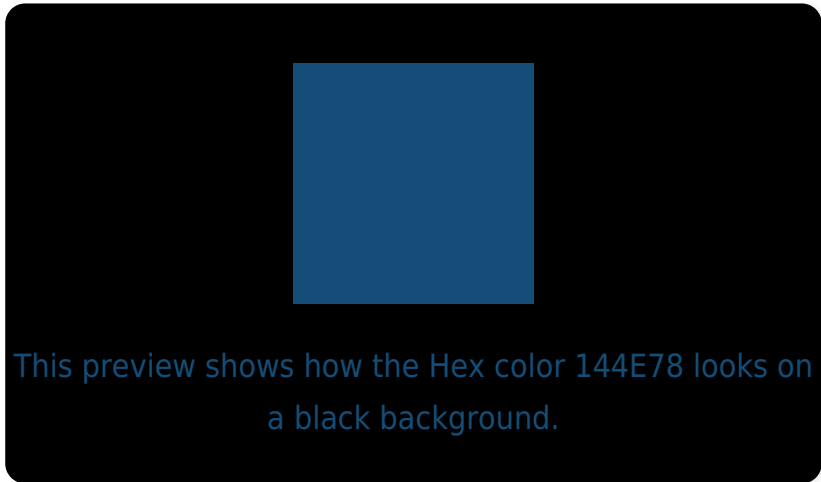
Large Text (above 18pt) WCAG AA ✓ Pass

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

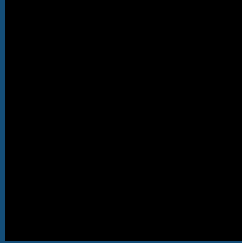
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 144E78 Background



This preview shows how black text looks on a background with the Hex color 144E78.



This preview shows how white text looks on a background with the Hex color 144E78.

# Color Blindness Simulation

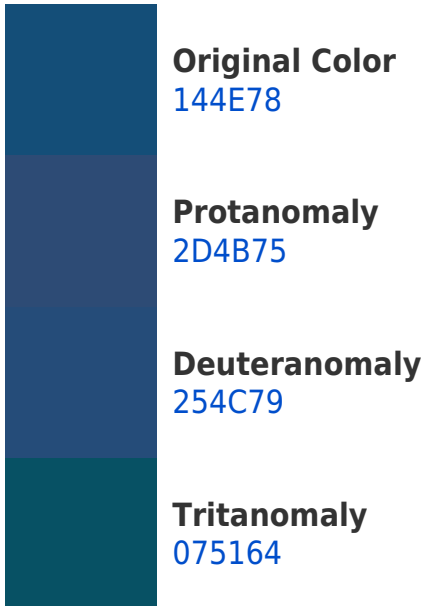
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 144E78 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 #144E78 looks like.

```
.text, #text, p{  
    color:#144E78  
}
```

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 #144E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #144E78
}
```

## Border

The CSS property to change the border of an element to Hex 144E78 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
#144E78 }
```

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

```
.border{ border-color:#144E78 }
```

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

Here you see how a box with a 4 pixel #144E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #144E78; -webkit-box-shadow:4px 4px  
4px 4px #144E78; box-shadow:4px 4px 4px  
4px #144E78 }
```

# Background

The CSS property to change the background color of an element to Hex 144E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#144E78 }
```

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

```
.background{ background-color:#144E78 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor