

Converting Colors

Hex(084E78)

Have a look what the booklet for
Hex(084E78) contains.

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Color

Hex(084E78)

Conversions

Conversions Part 1

Format	Color
Hex	084E78
RGB	8, 78, 120
RGB Percent	3%, 31%, 47%
CMY	0.9686, 0.6941, 0.5294
CMYK	0.93, 0.35, 0.00, 0.53
HSL	202°, 88%, 25%
HSV	202°, 93%, 47%
XYZ	6.2147, 6.8565, 18.7652
YIQ	61.8580, -55.2020, -1.7780

Conversions

Conversions Part 2

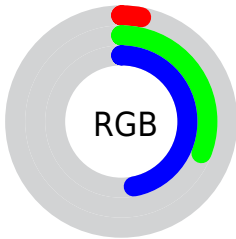
Format	Color
R_{YB}	8, 51, 120
Decimal	544376
CIE _{Lab}	31.48, -3.21, -29.44
CIE _{LCh}	31, 29.616, 263.771
Yxy	6.8565, 0.1952, 0.2154
Android (android.graphics.Color)	4278734456 (0xFF084E78)
YUV	61.8580, 28.6640, -47.2335
Hunter-Lab	26.1849, -3.4585, -24.1603

Details

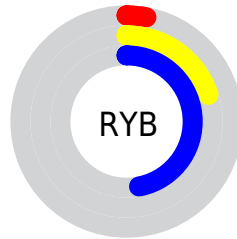
The Hex color **084E78** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **783208**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **4D7FAD**, and **002247** is the 20% darker color. If you saturate the color by 10%, you get **004B78**, and if you desaturate by 10%, it is **145278**.

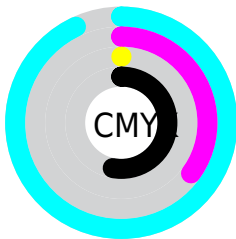
Distribution



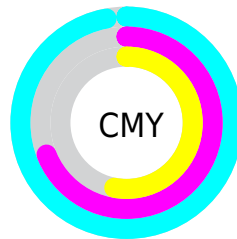
- Red (3%)
- Green (31%)
- Blue (47%)



- Red (3%)
- Yellow (20%)
- Blue (47%)



- Cyan (93%)
- Magenta (35%)
- Yellow (0%)
- Black (53%)



- Cyan (97%)
- Magenta (69%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 084E78 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 084E78 by changing the saturation by 10% instead.

■ 084E78

■ 084E78

FFFFFF

■ 00375F

■ 4D7FAD

■ 002247

■ 6899C8

■ 000C30

■ 84B3E4

■ 00011B

■ A0CFFF

■ 000000

■ BCEBFF

■ D9FFFF

■ F6FFFF

■ 084E78

■ 084E78

■ 004B78

■ 145278

■ 205778

■ 2C5B78

■ 386078

■ 446478

■ 506978

■ 5C6D78

■ 687278

■ 747678

Harmonies

Analogous

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



00536F



084E78



444675

Triad

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



084E78



753739



29532E

Complementary

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



084E78



783208

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.



454E1E



084E78



6D3F25

Square

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



084E78



723750



5C471A



005544

Rectangle

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



084E78



5A406C



5C471A



335227

Sweetspot

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



084E78



708B9C



087831



34454F



CFCFCF



4F4F4F

Same Dimension

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



084E78



00619C



081778



373B3D



004E7D



009EFC

Inverse Universe

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



78084E



9C0061



786908



3D373B



7D004E



FC009E

Previews

White Background



This preview shows how the Hex color 084E78 looks on a white background.

Color Contrast Check

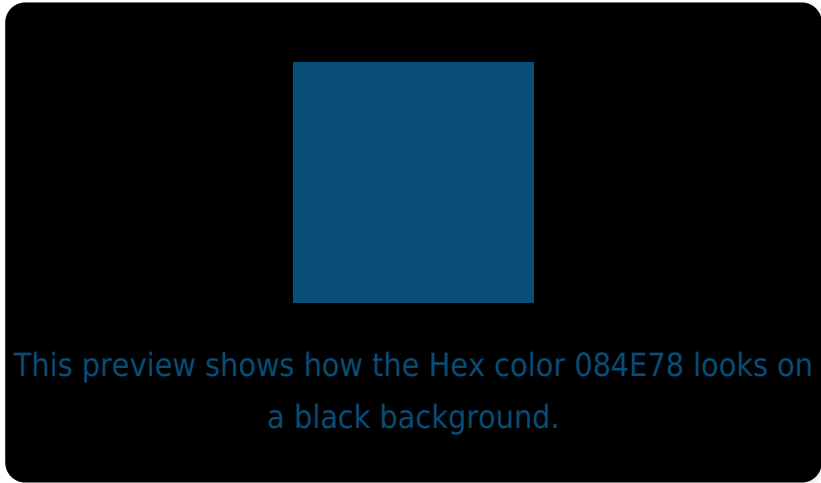
Large Text (above 18pt) WCAG AA ✓ Pass

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

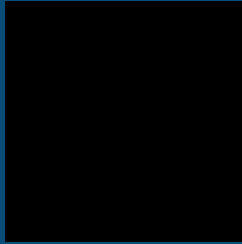
Any Text WCAG AA × Fail

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 084E78 Background



This preview shows how black text looks on a background with the Hex color 084E78.



This preview shows how white text looks on a background with the Hex color 084E78.

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
084E78

Protanopia
3B4973

Deuteranopia
2D4A79

Trichromacy



Original Color
084E78

Protanomaly
284B75

Deuteranomaly
204B79

Tritanomaly
035164

Monochromacy



Original Color
084E78

Achromatopsia
3E3E3E

Achromatomaly
2A4453

CSS Examples

Text

The CSS property to change the color of the text to Hex 084E78 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 #084E78 looks like.

```
.text, #text, p{  
    color:#084E78  
}
```

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 #084E78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #084E78
}
```

Border

The CSS property to change the border of an element to Hex 084E78 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
#084E78 }
```

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

```
.border{ border-color:#084E78 }
```

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

Here you see how a box with a 4 pixel #084E78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #084E78; -webkit-box-shadow:4px 4px  
4px 4px #084E78; box-shadow:4px 4px 4px  
4px #084E78 }
```

Background

The CSS property to change the background color of an element to Hex 084E78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#084E78 }
```

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

```
.background{ background-color:#084E78 }
```

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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