

Converting Colors

Hex(044E8A)

Have a look what the booklet for
Hex(044E8A) contains.

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Color

Hex(044E8A)

Conversions

Conversions Part 1

Format	Color
Hex	044E8A
RGB	4, 78, 138
RGB Percent	2%, 31%, 54%
CMY	0.9843, 0.6941, 0.4588
CMYK	0.97, 0.43, 0.00, 0.46
HSL	207°, 94%, 28%
HSV	207°, 97%, 54%
XYZ	7.3619, 7.3096, 25.0676
YIQ	62.7140, -63.3640, 2.9720

Conversions

Conversions Part 2

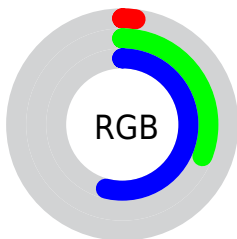
Format	Color
R_{YB}	4, 52, 138
Decimal	282250
CIE Lab	32.50, 4.08, -38.96
CIE LCh	33, 39.168, 275.974
Yxy	7.3096, 0.1853, 0.1839
Android (android.graphics.Color)	4278472330 (0xFF044E8A)
YUV	62.7140, 37.1160, -51.4922
Hunter-Lab	27.0362, 1.2918, -36.0476

Details

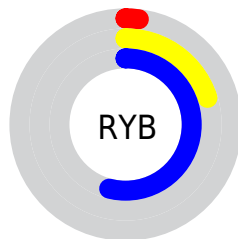
The Hex color **044E8A** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8A4004**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **517FC0**, and **002357** is the 20% darker color. If you saturate the color by 10%, you get **004C8A**, and if you desaturate by 10%, it is **12548A**.

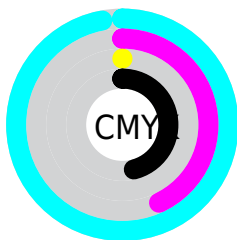
Distribution



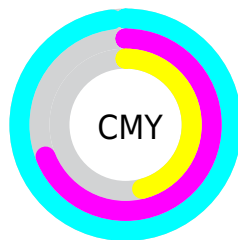
- Red (2%)
- Green (31%)
- Blue (54%)



- Red (2%)
- Yellow (20%)
- Blue (54%)



- Cyan (97%)
- Magenta (43%)
- Yellow (0%)
- Black (46%)



- Cyan (98%)
- Magenta (69%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 044E8A 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 044E8A by changing the saturation by 10% instead.

■ 044E8A

■ 044E8A

FFFFFF

■ 003870

■ 517FC0

■ 002357

■ 6D98DC

■ 000C40

■ 8AB3F9

■ 000329

■ A6CEFF

■ 000113

■ C3EAFF

■ 000000

■ E0FFFF

■ FEFFFF

■ 044E8A

■ 044E8A

■ 004C8A

■ 12548A

■ 205A8A

■ 2D618A

■ 3B678A

■ 496D8A

■ 57738A

■ 65798A

■ 727F8A

■ 80868A

Harmonies

Analogous

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



005685



044E8A



55427F

Triad

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



044E8A



80352A



005932

Complementary

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



044E8A



8A4004

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.



365516



044E8A



704211

Square

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



044E8A



842E48



564D05



005B52

Rectangle

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



044E8A



6E386F



564D05



155828

Sweetspot

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



044E8A



7F9BB3



048A3E



3A4B59



D9D9D9



595959

Same Dimension

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



044E8A



0063B3



040D8A



3E4245



004985



000305

Inverse Universe

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



8A044E



B30063



8A8104



453E42



850049



050003

Previews

White Background



This preview shows how the Hex color 044E8A looks on a white background.

Color Contrast Check

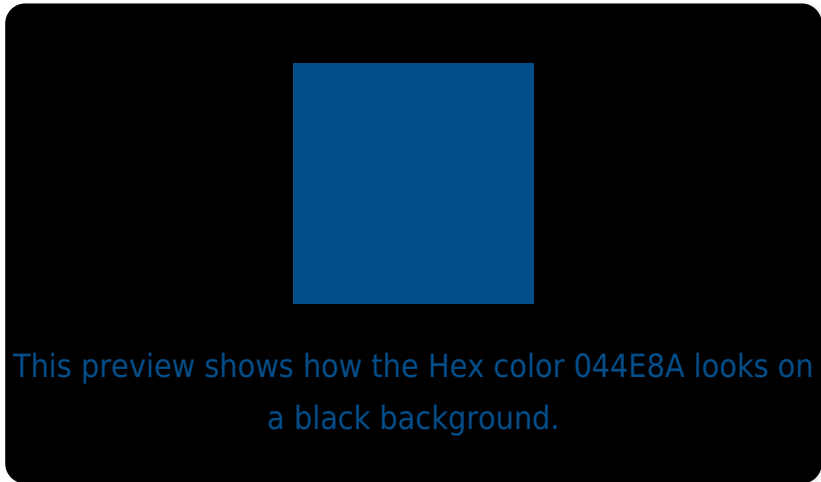
Large Text (above 18pt) WCAG AA ✓ Pass

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

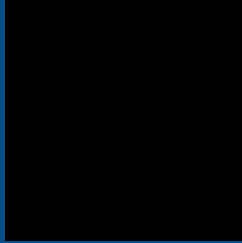
Any Text WCAG AA × Fail

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 044E8A Background



This preview shows how black text looks on a background with the Hex color 044E8A.



This preview shows how white text looks on a background with the Hex color 044E8A.

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
044E8A

Protanopia
314B87

Deuteranopia
094E8A



Tritanopia
00555B

Trichromacy



Original Color
044E8A

Protanomaly
214C88

Deuteranomaly
074E8A

Tritanomaly
01526C

Monochromacy



Original Color
044E8A

Achromatopsia
3F3F3F

Achromatomaly
2A445A

CSS Examples

Text

The CSS property to change the color of the text to Hex 044E8A 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 #044E8A looks like.

```
.text, #text, p{  
    color:#044E8A  
}
```

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 #044E8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #044E8A
}
```

Border

The CSS property to change the border of an element to Hex 044E8A 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
#044E8A }
```

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

```
.border{ border-color:#044E8A }
```

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

Here you see how a box with a 4 pixel #044E8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #044E8A; -webkit-box-shadow:4px 4px  
4px 4px #044E8A; box-shadow:4px 4px 4px  
4px #044E8A }
```

Background

The CSS property to change the background color of an element to Hex 044E8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#044E8A }
```

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

```
.background{ background-color:#044E8A }
```

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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