

Converting Colors

Hex(062E5A)

Have a look what the booklet for
Hex(062E5A) contains.

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Color

Hex(062E5A)

Conversions

Conversions Part 1

Format	Color
Hex	062E5A
RGB	6, 46, 90
RGB Percent	2%, 18%, 35%
CMY	0.9765, 0.8196, 0.6471
CMYK	0.93, 0.49, 0.00, 0.65
HSL	211°, 88%, 19%
HSV	211°, 93%, 35%
XYZ	2.8976, 2.7309, 10.0473
YIQ	39.0560, -37.9640, 5.2040

Conversions

Conversions Part 2

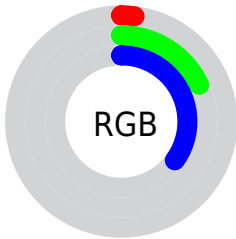
Format	Color
RYB	6, 33, 90
Decimal	405082
CIELab	18.93, 5.63, -30.15
CIELCh	19, 30.670, 280.569
Yxy	2.7309, 0.1848, 0.1742
Android (android.graphics.Color)	4278595162 (0xFF062E5A)
YUV	39.0560, 25.1154, -28.9901
Hunter-Lab	16.5254, 2.3787, -24.4798

Details

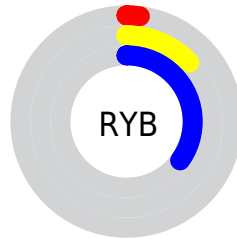
The Hex color **062E5A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5A3206**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **435B8D**, and **00022C** is the 20% darker color. If you saturate the color by 10%, you get **002B5A**, and if you desaturate by 10%, it is **0F335A**.

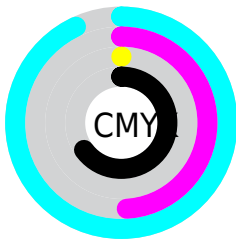
Distribution



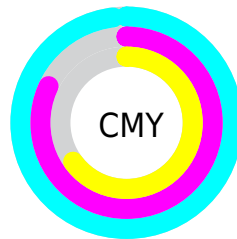
- Red (2%)
- Green (18%)
- Blue (35%)



- Red (2%)
- Yellow (13%)
- Blue (35%)



- Cyan (93%)
- Magenta (49%)
- Yellow (0%)
- Black (65%)



- Cyan (98%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 062E5A 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 062E5A by changing the saturation by 10% instead.

062E5A

062E5A

FFFFFF

001A42

435B8D

00022C

5D74A7

000116

778DC2

000000

92A7DE

AEC3FB

CADEFF

E7FBFF

062E5A

062E5A

■ 002B5A

■ 0F335A

■ 18375A

■ 213C5A

■ 2A415A

■ 33465A

■ 3C4A5A

■ 454F5A

■ 4E545A

■ 57585A

Harmonies

Analogous

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



003458



062E5A



392450

Triad

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



062E5A



511E12



00371E

Complementary

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



062E5A



5A3206

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.



193508



062E5A



452700

Square

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



062E5A



561727



322F00



003836

Rectangle

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



062E5A



491D44



322F00



003717

Sweetspot

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



062E5A



546475



065A31



27303B



BABABA



3B3B3B

Same Dimension

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



062E5A



003875



07065A



292B2E



00346E



0071ED

Inverse Universe

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



5A062E



750038



595A06



2E292B



6E0034



ED0071

Previews

White Background



This preview shows how the Hex color 062E5A looks on a white background.

Color Contrast Check

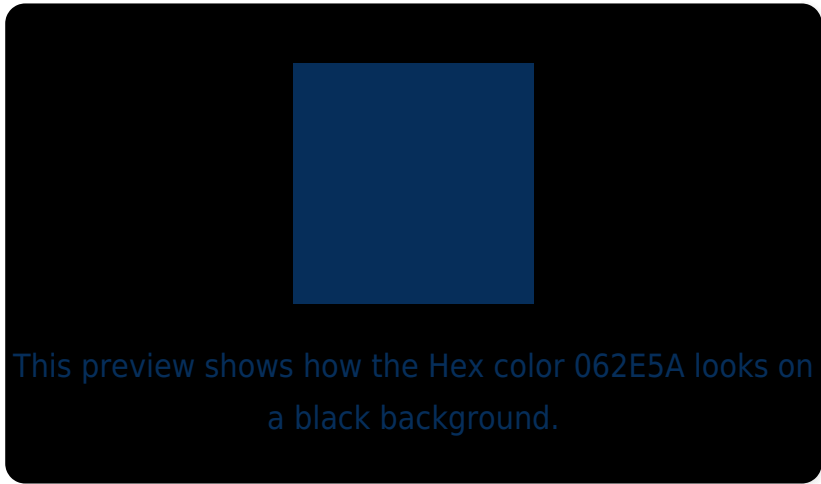
Large Text (above 18pt) WCAG AA ✓ Pass

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

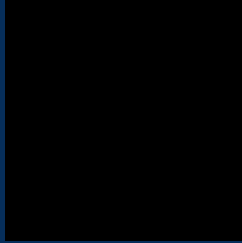
Any Text WCAG AA × Fail

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 062E5A Background



This preview shows how black text looks on a background with the Hex color 062E5A.



This preview shows how white text looks on a background with the Hex color 062E5A.

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
062E5A

Protanopia
162D59

Deuteranopia
003053

Trichromacy



Original Color
062E5A

Protanomaly
102D59

Deuteranomaly
022F56

Tritanomaly
023244

Monochromacy



Original Color
062E5A

Achromatopsia
272727

Achromatomaly
1B2A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 062E5A 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 #062E5A looks like.

```
.text, #text, p{  
    color:#062E5A  
}
```

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 #062E5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #062E5A
}
```

Border

The CSS property to change the border of an element to Hex 062E5A 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
#062E5A }
```

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

```
.border{ border-color:#062E5A }
```

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

Here you see how a box with a 4 pixel #062E5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #062E5A; -webkit-box-shadow:4px 4px  
4px 4px #062E5A; box-shadow:4px 4px 4px  
4px #062E5A }
```

Background

The CSS property to change the background color of an element to Hex 062E5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#062E5A }
```

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

```
.background{ background-color:#062E5A }
```

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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