

Converting Colors

Hex(456972)

Have a look what the booklet for
Hex(456972) contains.

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Color

Hex(456972)

Conversions

Conversions Part 1

Format	Color
Hex	456972
RGB	69, 105, 114
RGB Percent	27%, 41%, 45%
CMY	0.7294, 0.5882, 0.5529
CMYK	0.39, 0.08, 0.00, 0.55
HSL	192°, 25%, 36%
HSV	192°, 39%, 45%
XYZ	10.5431, 12.5833, 17.7927
YIQ	95.2620, -24.3450, -4.8330

Conversions

Conversions Part 2

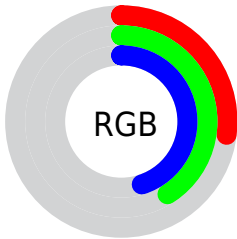
Format	Color
RYB	69, 89, 114
Decimal	4548978
CIELab	42.13, -10.31, -9.12
CIELCh	42, 13.768, 221.491
Yxy	12.5833, 0.2577, 0.3075
Android (android.graphics.Color)	4282739058 (0xFF456972)
YUV	95.2620, 9.2378, -23.0318
Hunter-Lab	35.4729, -9.0247, -4.9080

Details

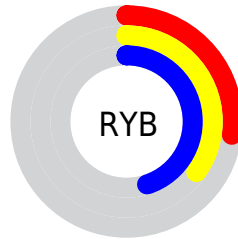
The Hex color **456972** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **724E45**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **779CA6**, and **143A42** is the 20% darker color. If you saturate the color by 10%, you get **3A6772**, and if you desaturate by 10%, it is **506B72**.

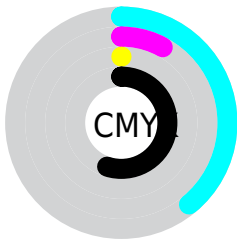
Distribution



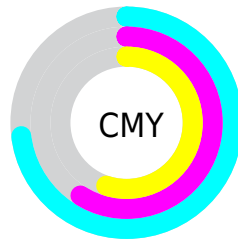
- Red (27%)
- Green (41%)
- Blue (45%)



- Red (27%)
- Yellow (35%)
- Blue (45%)



- Cyan (39%)
- Magenta (8%)
- Yellow (0%)
- Black (55%)



- Cyan (73%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456972 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 456972 by changing the saturation by 10% instead.

■ 456972

■ 456972

FFFFFF

■ 2D515A

■ 779CA6

■ 143A42

■ 92B7C1

■ 00242C

■ ADD3DD

■ 000F18

■ C8EFF9

■ 000000

■ E5FFFF

■ 456972

■ 456972

■ 3A6772

■ 506B72

■ 2E6472

■ 5C6E72

■ 236272

■ 677072

■ 176072

■ 737272

■ 0C5E72

■ 7E7472

■ 015B72

■ 897772

■ 005B72

■ 957972

■ A07B72

■ AC7E72

Harmonies

Analogous

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



466A67



456972



4E6779

Triad

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



456972



765C6B



68644D

Complementary

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



456972



724E45

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.



72604E



456972



7B5B5F

Square

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



456972



6B5F74



795D55



5B6752

Rectangle

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



456972



57647A



795D55



6C634D

Sweetspot

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



456972



829094



45724E



40484A



C9C9C9



4A4A4A

Same Dimension

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



456972



4E8694



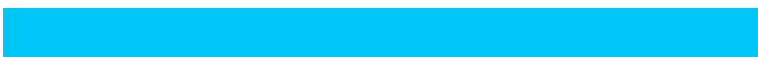
455272



323738



006078



00C6F7

Inverse Universe

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



724569



944E86



726545



383237



780060



F700C6

Previews

White Background



This preview shows how the Hex color 456972 looks on a white background.

Color Contrast Check

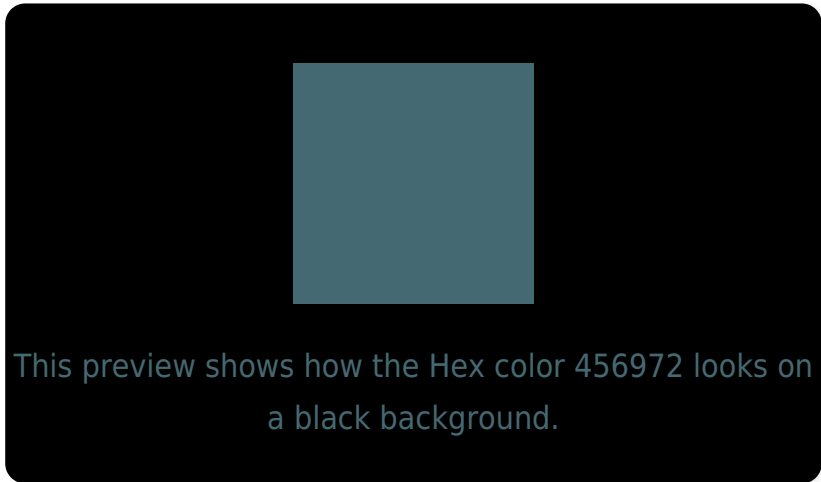
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

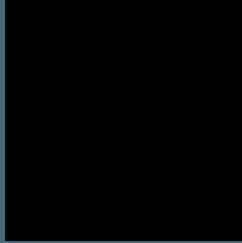
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

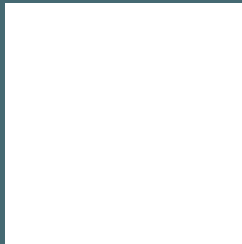
Any Text WCAG AAA × Fail

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

Hex 456972 Background



This preview shows how black text looks on a background with the Hex color 456972.

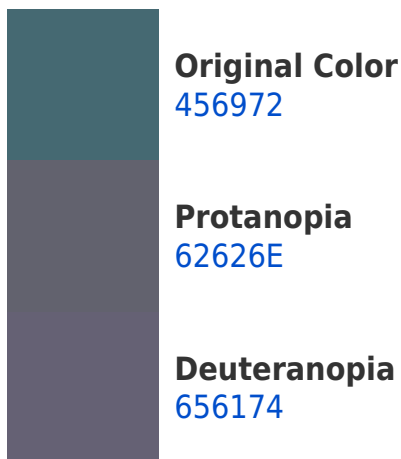


This preview shows how white text looks on a background with the Hex color 456972.

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](#).

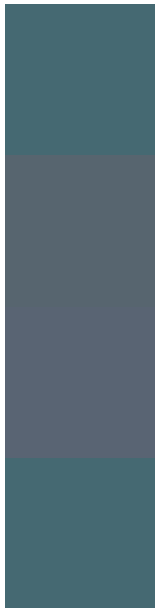
Dichromacy





Tritanopia
456972

Trichromacy



Original Color

456972

Protanomaly

57656F

Deuteranomaly

596473

Tritanomaly

456972

Monochromacy



Original Color

456972

Achromatopsia

5F5F5F

Achromatomaly

566366

CSS Examples

Text

The CSS property to change the color of the text to Hex 456972 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 #456972 looks like.

```
.text, #text, p{  
    color:#456972  
}
```

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 #456972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456972
}
```

Border

The CSS property to change the border of an element to Hex 456972 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
#456972 }
```

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

```
.border{ border-color:#456972 }
```

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

Here you see how a box with a 4 pixel #456972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456972; -webkit-box-shadow:4px 4px  
4px 4px #456972; box-shadow:4px 4px 4px  
4px #456972 }
```

Background

The CSS property to change the background color of an element to Hex 456972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456972 }
```

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

```
.background{ background-color:#456972 }
```

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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