

# Converting Colors

Hex(526870)

Have a look what the booklet for  
Hex(526870) contains.

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# Color

**Hex(526870)**

# Conversions

## Conversions Part 1

Format	Color
Hex	526870
RGB	82, 104, 112
RGB Percent	32%, 41%, 44%
CMY	0.6784, 0.5922, 0.5608
CMYK	0.27, 0.07, 0.00, 0.56
HSL	196°, 15%, 38%
HSV	196°, 27%, 44%
XYZ	11.3546, 12.8643, 17.2138
YIQ	98.3340, -15.6800, -2.1760

# Conversions

## Conversions Part 2

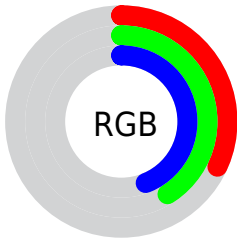
Format	Color
R <sub>Y</sub> B	82, 95, 112
Decimal	5400688
CIE Lab	42.56, -6.15, -7.18
CIE LCh	43, 9.457, 229.413
Yxy	12.8643, 0.2740, 0.3105
Android (android.graphics.Color)	4283590768 (0xFF526870)
YUV	98.3340, 6.7373, -14.3249
Hunter-Lab	35.8669, -6.2580, -3.3487

# Details

The Hex color **526870** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **705A52**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **849BA4**, and **243940** is the 20% darker color. If you saturate the color by 10%, you get **476570**, and if you desaturate by 10%, it is **5D6B70**.

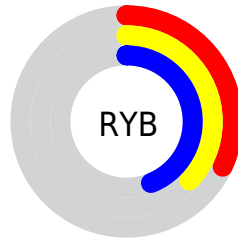
# Distribution



Red (32%)

Green (41%)

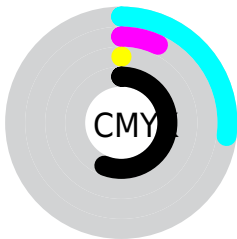
Blue (44%)



Red (32%)

Yellow (37%)

Blue (44%)

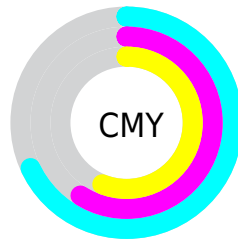


Cyan (27%)

Magenta (7%)

Yellow (0%)

Black (56%)



Cyan (68%)

Magenta (59%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 526870 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 526870 by changing the saturation by 10% instead.



■ 526870

■ 526870

FFFFFF

■ 3A5058

■ 849BA4

■ 243940

■ 9EB6BF

■ 0E242A

■ BAD2DB

■ 000E16

■ D5EEF7

■ 000000

■ F2FFFF

■ 526870

■ 526870

■ 476570

■ 5D6B70

■ 3C6270

■ 686E70

■ 305F70

■ 747170

■ 255C70

■ 7F7470

■ 1A5970

■ 8A7770

■ 0F5670

■ 957A70

■ 045370

■ A07D70

■ 005270

■ AC8070

■ B78370

# Harmonies

## Analogous

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



516969



526870



596674

# Triad

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



526870



735F68



656656

# Complementary

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



526870



705A52

# 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.



6E6355



526870



755F60

# Square

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



526870



6C616F



736159



5C685A

# Rectangle

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



526870



5F6474



736159



686555



# Sweetspot

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



526870



868E91



52705A



43484A



C9C9C9



4A4A4A



# Same Dimension

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



526870



638591



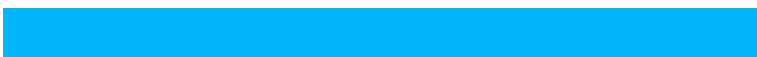
525970



323738



005878



00B5F7



# Inverse Universe

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



705268



916385



706952



383237



780058



F700B5



# Previews

## White Background



This preview shows how the Hex color 526870 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

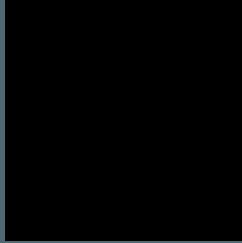
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

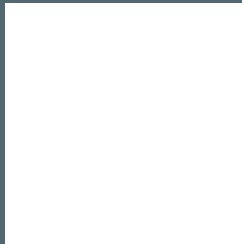
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 526870 Background



This preview shows how black text looks on a background with the Hex color 526870.



This preview shows how white text looks on a background with the Hex color 526870.

# 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**  
526870

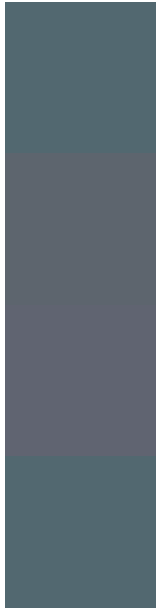
**Protanopia**  
63646D

**Deuteranopia**  
686271



**Tritanopia**  
526870

# Trichromacy



**Original Color**  
526870

**Protanomaly**  
5D656E

**Deuteranomaly**  
606471

**Tritanomaly**  
526870

# Monochromacy



**Original Color**  
526870

**Achromatopsia**  
626262

**Achromatomaly**  
5C6467

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 526870 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 #526870 looks like.

```
.text, #text, p{  
    color:#526870  
}
```

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 #526870 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #526870
}
```

## Border

The CSS property to change the border of an element to Hex 526870 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
#526870 }
```

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

```
.border{ border-color:#526870 }
```

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

Here you see how a box with a 4 pixel #526870 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #526870; -webkit-box-shadow:4px 4px  
4px 4px #526870; box-shadow:4px 4px 4px  
4px #526870 }
```

# Background

The CSS property to change the background color of an element to Hex 526870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#526870 }
```

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

```
.background{ background-color:#526870 }
```

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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