

Converting Colors

Hex(30536E)

Have a look what the booklet for
Hex(30536E) contains.

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Color

Hex(30536E)

Conversions

Conversions Part 1

Format	Color
Hex	30536E
RGB	48, 83, 110
RGB Percent	19%, 33%, 43%
CMY	0.8118, 0.6745, 0.5686
CMYK	0.56, 0.25, 0.00, 0.57
HSL	206°, 39%, 31%
HSV	206°, 56%, 43%
XYZ	7.1267, 7.9407, 15.9089
YIQ	75.6130, -29.5270, 0.9770

Conversions

Conversions Part 2

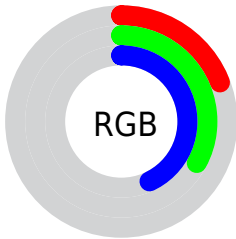
Format	Color
RYB	48, 70, 110
Decimal	3167086
CIELab	33.86, -4.07, -19.38
CIELCh	34, 19.798, 258.137
Yxy	7.9407, 0.2301, 0.2563
Android (android.graphics.Color)	4281357166 (0xFF30536E)
YUV	75.6130, 16.9528, -24.2166
Hunter-Lab	28.1792, -4.1701, -13.7475

Details

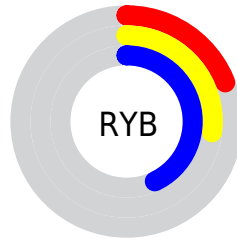
The Hex color **30536E** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **6E4B30**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **6384A2**, and **00263E** is the 20% darker color. If you saturate the color by 10%, you get **254E6E**, and if you desaturate by 10%, it is **3B586E**.

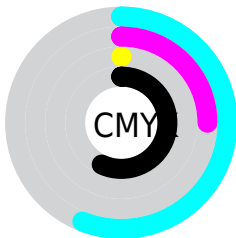
Distribution



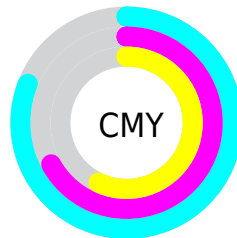
- Red (19%)
- Green (33%)
- Blue (43%)



- Red (19%)
- Yellow (27%)
- Blue (43%)



- Cyan (56%)
- Magenta (25%)
- Yellow (0%)
- Black (57%)



- Cyan (81%)
- Magenta (67%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 30536E 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 30536E by changing the saturation by 10% instead.



30536E



30536E

FFFFFF



153C56



6384A2



00263E



7D9EBD



001228



98B9D9



000113



B3D5F5



000000



CFF1FF



ECFFFF



30536E



30536E



254E6E



3B586E

■ 1A496E

■ 465D6E

■ 0F456E

■ 51616E

■ 04406E

■ 5C666E

■ 003E6E

■ 676B6E

■ 72706E

■ 7D756E

■ 88796E

■ 937E6E

Harmonies

Analogous

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



1B5766



30536E



494E6D

Triad

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



30536E



6F4447



3F563A

Complementary

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



30536E



6E4B30

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.



515231



30536E



6B4739

Square

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



30536E



6A4457



604D31



2C5849

Rectangle

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



30536E



574A68



604D31



455436

Sweetspot

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



30536E



77848F



306E4B



394147



C7C7C7



474747

Same Dimension

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



30536E



2E658F



30346E



323638



004478



008CF7

Inverse Universe

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



6E3053



8F2E65



6E6A30



383236



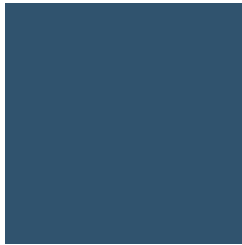
780044



F7008C

Previews

White Background



This preview shows how the Hex color 30536E 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

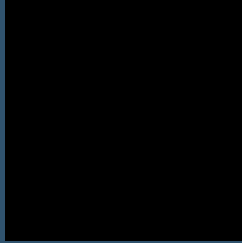
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

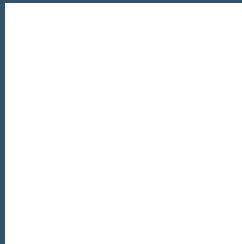
Any Text WCAG AAA × Fail

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

Hex 30536E Background



This preview shows how black text looks on a background with the Hex color 30536E.

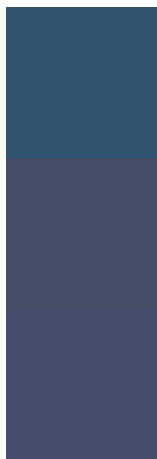


This preview shows how white text looks on a background with the Hex color 30536E.

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](#).

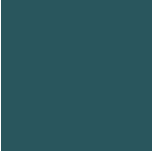
Dichromacy



Original Color
30536E

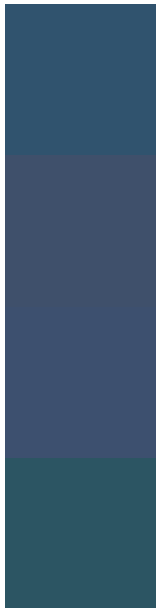
Protanopia
474E6A

Deuteranopia
454E6F



Tritanopia
29565D

Trichromacy



Original Color
30536E

Protanomaly
3F506B

Deuteranomaly
3D506F

Tritanomaly
2C5563

Monochromacy



Original Color
30536E

Achromatopsia
4C4C4C

Achromatomaly
424F58

CSS Examples

Text

The CSS property to change the color of the text to Hex 30536E 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 #30536E looks like.

```
.text, #text, p{  
    color:#30536E  
}
```

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 #30536E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #30536E
}
```

Border

The CSS property to change the border of an element to Hex 30536E 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
#30536E }
```

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

```
.border{ border-color:#30536E }
```

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

Here you see how a box with a 4 pixel #30536E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #30536E; -webkit-box-shadow:4px 4px  
4px 4px #30536E; box-shadow:4px 4px 4px  
4px #30536E }
```

Background

The CSS property to change the background color of an element to Hex 30536E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#30536E }
```

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

```
.background{ background-color:#30536E }
```

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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