

Converting Colors

Hex(15456D)

Have a look what the booklet for
Hex(15456D) contains.

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Color

Hex(15456D)

Conversions

Conversions Part 1

Format	Color
Hex	15456D
RGB	21, 69, 109
RGB Percent	8%, 27%, 43%
CMY	0.9176, 0.7294, 0.5725
CMYK	0.81, 0.37, 0.00, 0.57
HSL	207°, 68%, 25%
HSV	207°, 81%, 43%
XYZ	5.1977, 5.5198, 15.2595
YIQ	59.2080, -41.4480, 2.2640

Conversions

Conversions Part 2

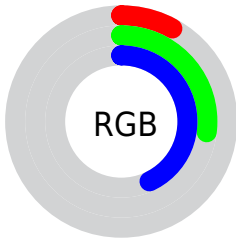
Format	Color
R_{YB}	21, 52, 109
Decimal	1394029
CIE _{Lab}	28.17, -0.59, -27.74
CIE _{LCh}	28, 27.742, 268.779
Yxy	5.5198, 0.2001, 0.2125
Android (android.graphics.Color)	4279584109 (0xFF15456D)
YUV	59.2080, 24.5475, -33.5084
Hunter-Lab	23.4943, -1.6249, -22.0628

Details

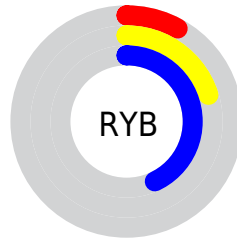
The Hex color **15456D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6D3D15**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **4F75A1**, and **001B3D** is the 20% darker color. If you saturate the color by 10%, you get **0A406D**, and if you desaturate by 10%, it is **204A6D**.

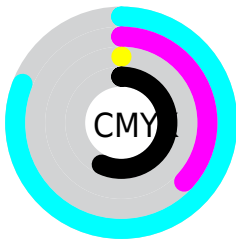
Distribution



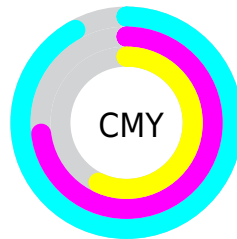
- Red (8%)
- Green (27%)
- Blue (43%)



- Red (8%)
- Yellow (20%)
- Blue (43%)



- Cyan (81%)
- Magenta (37%)
- Yellow (0%)
- Black (57%)



- Cyan (92%)
- Magenta (73%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15456D 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 15456D by changing the saturation by 10% instead.

■ 15456D

■ 15456D

FFFFFF

■ 002F54

■ 4F75A1

■ 001B3D

■ 6A8EBC

■ 000327

■ 85A9D8

■ 000111

■ A0C4F4

■ 000000

■ BCE0FF

■ D9FCFF

■ F6FFFF

■ 15456D

■ 15456D

■ 0A406D

■ 204A6D

■ 003B6D

■ 2B4F6D

■ 36546D

■ 41596D

■ 4B5E6D

■ 56636D

■ 61686D

■ 6C6D6D

■ 77726D

Harmonies

Analogous

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



004A67



15456D



423D68

Triad

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



15456D



69322F



1E4B2B

Complementary

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



15456D



6D3D15

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.



3A471B



15456D



60391E

Square

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



15456D



693044



4F4116



004D41

Rectangle

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



15456D



55375F



4F4116



294A25

Sweetspot

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



15456D



6D7F8F



156D3D



333E47



C7C7C7



474747

Same Dimension

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



15456D



04508F



15196D



303336



004075



0086F5

Inverse Universe

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



6D1545



8F0450



6D6915



363033



750040



F50086

Previews

White Background



This preview shows how the Hex color 15456D looks on a white background.

Color Contrast Check

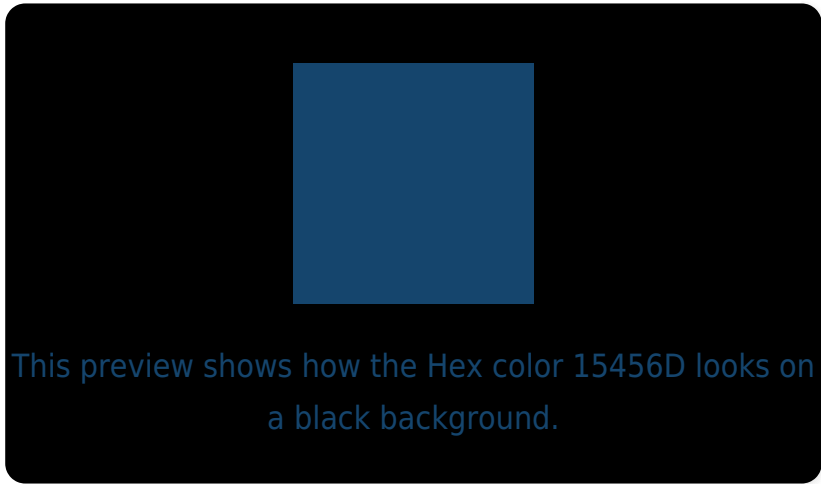
Large Text (above 18pt) WCAG AA ✓ Pass

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

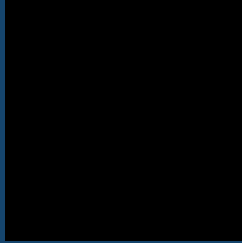
Any Text WCAG AA × Fail

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 15456D Background



This preview shows how black text looks on a background with the Hex color 15456D.



This preview shows how white text looks on a background with the Hex color 15456D.

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
15456D

Protanopia
334169

Deuteranopia
27436E



Tritanopia
004A4F

Trichromacy



Original Color
15456D

Protanomaly
28426A

Deuteranomaly
20446E

Tritanomaly
08485A

Monochromacy



Original Color
15456D

Achromatopsia
3B3B3B

Achromatomaly
2D3F4D

CSS Examples

Text

The CSS property to change the color of the text to Hex 15456D 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 #15456D looks like.

```
.text, #text, p{  
    color:#15456D  
}
```

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 #15456D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15456D
}
```

Border

The CSS property to change the border of an element to Hex 15456D 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
#15456D }
```

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

```
.border{ border-color:#15456D }
```

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

Here you see how a box with a 4 pixel #15456D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15456D; -webkit-box-shadow:4px 4px  
4px 4px #15456D; box-shadow:4px 4px 4px  
4px #15456D }
```

Background

The CSS property to change the background color of an element to Hex 15456D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15456D }
```

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

```
.background{ background-color:#15456D }
```

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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