

Converting Colors

Hex(15285B)

Have a look what the booklet for
Hex(15285B) contains.

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Color

Hex(15285B)

Conversions

Conversions Part 1

Format	Color
Hex	15285B
RGB	21, 40, 91
RGB Percent	8%, 16%, 36%
CMY	0.9176, 0.8431, 0.6431
CMYK	0.77, 0.56, 0.00, 0.64
HSL	224°, 63%, 22%
HSV	224°, 77%, 36%
XYZ	2.9564, 2.4323, 10.2112
YIQ	40.1330, -27.6950, 11.8330

Conversions

Conversions Part 2

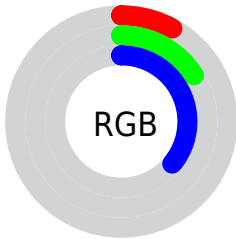
Format	Color
R_{YB}	21, 36, 91
Decimal	1386587
CIE _{Lab}	17.61, 12.38, -32.92
CIE _{LCh}	18, 35.167, 290.603
Yxy	2.4323, 0.1895, 0.1559
Android (android.graphics.Color)	4279576667 (0xFF15285B)
YUV	40.1330, 25.0774, -16.7796
Hunter-Lab	15.5960, 6.5436, -27.9019

Details

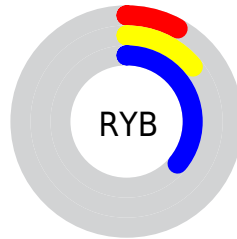
The Hex color **15285B** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5B4815**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **4B558E**, and **00022D** is the 20% darker color. If you saturate the color by 10%, you get **0C215B**, and if you desaturate by 10%, it is **1E2F5B**.

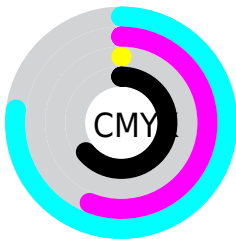
Distribution



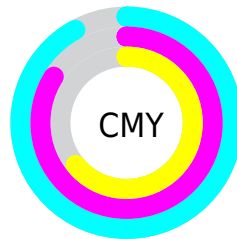
- Red (8%)
- Green (16%)
- Blue (36%)



- Red (8%)
- Yellow (14%)
- Blue (36%)



- Cyan (77%)
- Magenta (56%)
- Yellow (0%)
- Black (64%)



- Cyan (92%)
- Magenta (84%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15285B 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 15285B by changing the saturation by 10% instead.



15285B



15285B

FFFFFF



001443



4B558E



00022D



656DA8



000117



7F86C4



000000



9AA0E0



B6BBFD



D2D7FF



EFF3FF



15285B



15285B

■ 0C215B

■ 1E2F5B

■ 031B5B

■ 27355B

■ 00195B

■ 303C5B

■ 39435B

■ 42495B

■ 4C505B

■ 55565B

■ 5E5D5B

■ 67645B

Harmonies

Analogous

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



00315D



15285B



411B4C

Triad

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



15285B



4E1C00



003622

Complementary

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



15285B



5B4815

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.



003406



15285B



3D2700

Square

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



15285B



570F1B



272F00



00363C

Rectangle

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



15285B



4F123D



272F00



003519

Sweetspot

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



15285B



5A6275



155B47



2A2F3B



BABABA



3B3B3B

Same Dimension

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



15285B



092775



24155B



292B2E



001E6E



0040ED

Inverse Universe

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



5B1528



750927



4C5B15



2E292B



6E001E



ED0040

Previews

White Background



This preview shows how the Hex color 15285B looks on a white background.

Color Contrast Check

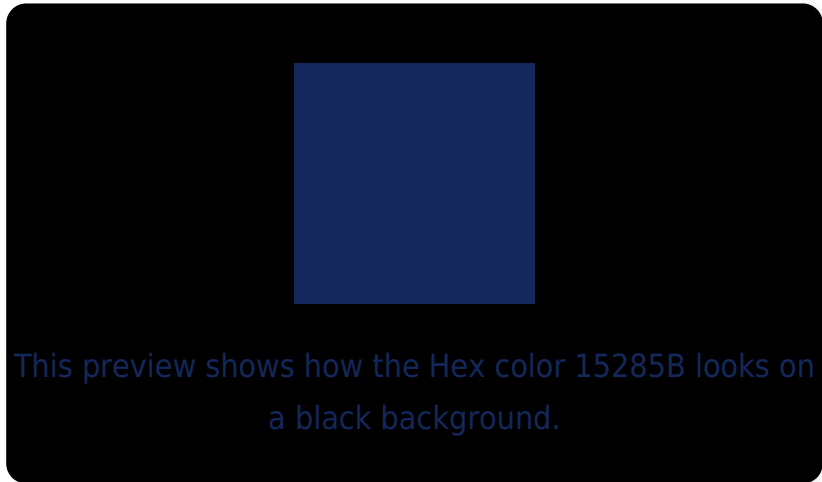
Large Text (above 18pt) WCAG AA ✓ Pass

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

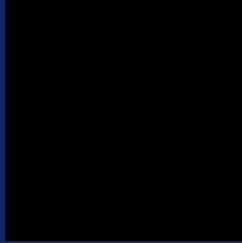
Any Text WCAG AA × Fail

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 15285B Background



This preview shows how black text looks on a background with the Hex color 15285B.



This preview shows how white text looks on a background with the Hex color 15285B.

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
15285B

Protanopia
002A59

Deuteranopia
002D4D

Trichromacy



Original Color
15285B

Protanomaly
08295A

Deuteranomaly
082B52

Tritanomaly
082D42

Monochromacy



Original Color
15285B

Achromatopsia
282828

Achromatomaly
21283B

CSS Examples

Text

The CSS property to change the color of the text to Hex 15285B 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 #15285B looks like.

```
.text, #text, p{  
    color:#15285B  
}
```

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 #15285B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15285B
}
```

Border

The CSS property to change the border of an element to Hex 15285B 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
#15285B }
```

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

```
.border{ border-color:#15285B }
```

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

Here you see how a box with a 4 pixel #15285B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15285B; -webkit-box-shadow:4px 4px  
4px 4px #15285B; box-shadow:4px 4px 4px  
4px #15285B }
```

Background

The CSS property to change the background color of an element to Hex 15285B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15285B }
```

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

```
.background{ background-color:#15285B }
```

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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