

Converting Colors

Hex(1A2762)

Have a look what the booklet for
Hex(1A2762) contains.

Hex(1A2762)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1A2762)

Conversions

Conversions Part 1

Format	Color
Hex	1A2762
RGB	26, 39, 98
RGB Percent	10%, 15%, 38%
CMY	0.8980, 0.8471, 0.6157
CMYK	0.73, 0.60, 0.00, 0.62
HSL	229°, 58%, 24%
HSV	229°, 73%, 38%
XYZ	3.3561, 2.5525, 11.8711
YIQ	41.8390, -26.6870, 15.5930

Conversions

Conversions Part 2

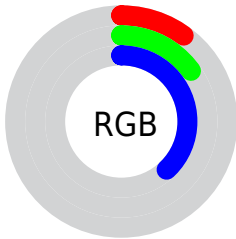
Format	Color
R_{YB}	26, 37, 98
Decimal	1714018
CIE _{Lab}	18.15, 16.82, -36.66
CIE _{LCh}	18, 40.332, 294.645
Yxy	2.5525, 0.1888, 0.1436
Android (android.graphics.Color)	4279904098 (0xFF1A2762)
YUV	41.8390, 27.6874, -13.8908
Hunter-Lab	15.9765, 9.5379, -32.8708

Details

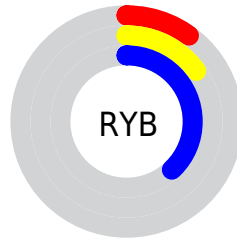
The Hex color **1A2762** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **62551A**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **505495**, and **000033** is the 20% darker color. If you saturate the color by 10%, you get **101F62**, and if you desaturate by 10%, it is **242F62**.

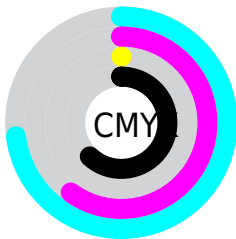
Distribution



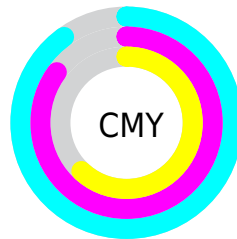
- Red (10%)
- Green (15%)
- Blue (38%)



- Red (10%)
- Yellow (15%)
- Blue (38%)



- Cyan (73%)
- Magenta (60%)
- Yellow (0%)
- Black (62%)



- Cyan (90%)
- Magenta (85%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A2762 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 1A2762 by changing the saturation by 10% instead.

■ 1A2762

■ 1A2762

FFFFFF

■ 00134A

■ 505495

■ 000033

■ 6A6CB0

■ 00021D

■ 8585CC

■ 000000

■ A09FE8

■ BCBAFF

■ D9D6FF

■ F6F2FF

■ 1A2762

■ 1A2762

■ 101F62

■ 242F62

■ 061762

■ 2E3762

■ 001262

■ 373F62

■ 414762

■ 4B4F62

■ 555762

■ 5F5F62

■ 686762

■ 726F62

Harmonies

Analogous

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



003267



1A2762



49164F

Triad

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



1A2762



511C00



003826

Complementary

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



1A2762



62551A

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.



003604



1A2762



3C2900

Square

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



1A2762



5D0816



213200



003944

Rectangle

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



1A2762



58083D



213200



00381C

Sweetspot

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



1A2762



636980



1A6255



2F3240



BFBFBF



404040

Same Dimension

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



1A2762



0F2480



311A62



2C2C30



001470



002BF0

Inverse Universe

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



621A27



800F24



4B621A



302C2C



700014



F0002B

Previews

White Background



This preview shows how the Hex color 1A2762 looks on a white background.

Color Contrast Check

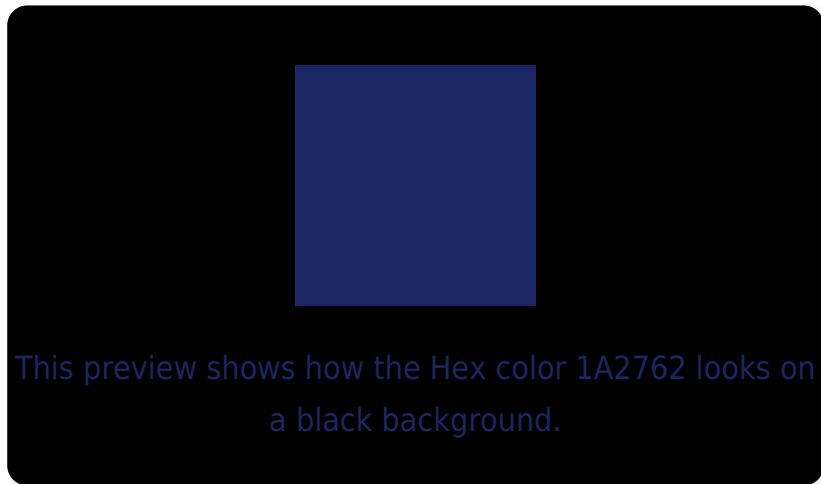
Large Text (above 18pt) WCAG AA ✓ Pass

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

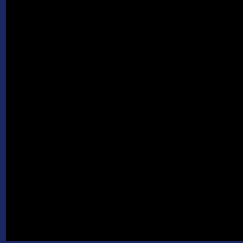
Any Text WCAG AA × Fail

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 1A2762 Background



This preview shows how black text looks on a background with the Hex color 1A2762.



This preview shows how white text looks on a background with the Hex color 1A2762.

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

1A2762

Protanopia

002B5B

Deuteranopia

002E4E

Trichromacy



Original Color
1A2762

Protanomaly
092A5E

Deuteranomaly
092B55

Tritanomaly
092E45

Monochromacy



Original Color
1A2762

Achromatopsia
2A2A2A

Achromatomaly
24293E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A2762 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 #1A2762 looks like.

```
.text, #text, p{  
    color:#1A2762  
}
```

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 #1A2762 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A2762
}
```

Border

The CSS property to change the border of an element to Hex 1A2762 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".

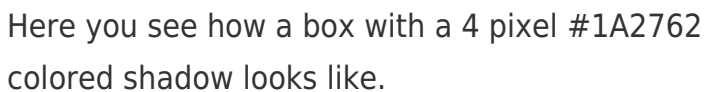
```
.border, #border, table{ border:4px solid
#1A2762 }
```

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

```
.border{ border-color:#1A2762 }
```

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

Here you see how a box with a 4 pixel #1A2762 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A2762; -webkit-box-shadow:4px 4px  
4px 4px #1A2762; box-shadow:4px 4px 4px  
4px #1A2762 }
```

Background

The CSS property to change the background color of an element to Hex 1A2762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A2762 }
```

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

```
.background{ background-color:#1A2762 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor