

Converting Colors

Hex(162F6A)

Have a look what the booklet for
Hex(162F6A) contains.

Hex(162F6A)	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>	28

Color

Hex(162F6A)

Conversions

Conversions Part 1

Format	Color
Hex	162F6A
RGB	22, 47, 106
RGB Percent	9%, 18%, 42%
CMY	0.9137, 0.8157, 0.5843
CMYK	0.79, 0.56, 0.00, 0.58
HSL	222°, 66%, 25%
HSV	222°, 79%, 42%
XYZ	3.9489, 3.2442, 14.0537
YIQ	46.2510, -33.8390, 13.0490

Conversions

Conversions Part 2

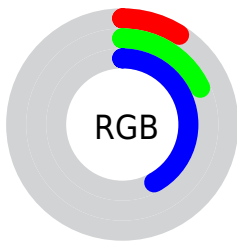
Format	Color
R _Y B	22, 41, 106
Decimal	1453930
CIE Lab	21.00, 13.71, -37.29
CIE LCh	21, 39.726, 290.183
Yxy	3.2442, 0.1859, 0.1527
Android (android.graphics.Color)	4279644010 (0xFF162F6A)
YUV	46.2510, 29.4563, -21.2681
Hunter-Lab	18.0117, 7.6141, -33.6532

Details

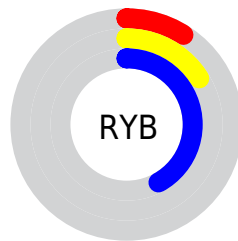
The Hex color **162F6A** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6A5116**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **4F5C9E**, and **00003A** is the 20% darker color. If you saturate the color by 10%, you get **0B286A**, and if you desaturate by 10%, it is **21366A**.

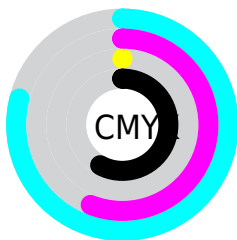
Distribution



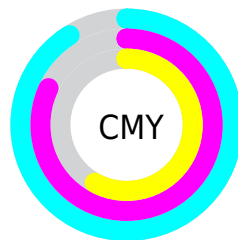
- Red (9%)
- Green (18%)
- Blue (42%)



- Red (9%)
- Yellow (16%)
- Blue (42%)



- Cyan (79%)
- Magenta (56%)
- Yellow (0%)
- Black (58%)



- Cyan (91%)
- Magenta (82%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 162F6A 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 162F6A by changing the saturation by 10% instead.

■ 162F6A

■ 162F6A

FFFFFF

■ 001B51

■ 4F5C9E

■ 00003A

■ 6A75B9

■ 000224

■ 858ED5

■ 00000B

■ A0A9F2

■ 000000

■ BCC4FF

■ D9E0FF

■ F6FCFF

■ 162F6A

■ 162F6A

■ 0B286A

■ 21366A

■ 01206A

■ 2B3E6A

■ 00206A

■ 36456A

■ 404D6A

■ 4B546A

■ 565C6A

■ 60636A

■ 6B6B6A

■ 75726A

Harmonies

Analogous

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



00396D



162F6A



4B2058

Triad

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



162F6A



5B2001



003F28

Complementary

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



162F6A



6A5116

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.



003C07



162F6A



472E00

Square

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



162F6A



651120



2D3700



003F46

Rectangle

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



162F6A



5C1547



2D3700



003E1D

Sweetspot

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



162F6A



69728A



166A51



313745



C4C4C4



454545

Same Dimension

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



162F6A



072E8A



27166A



303236



002375



0049F5

Inverse Universe

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



6A162F



8A072E



596A16



363032



750023



F50049

Previews

White Background



This preview shows how the Hex color 162F6A looks on a white background.

Color Contrast Check

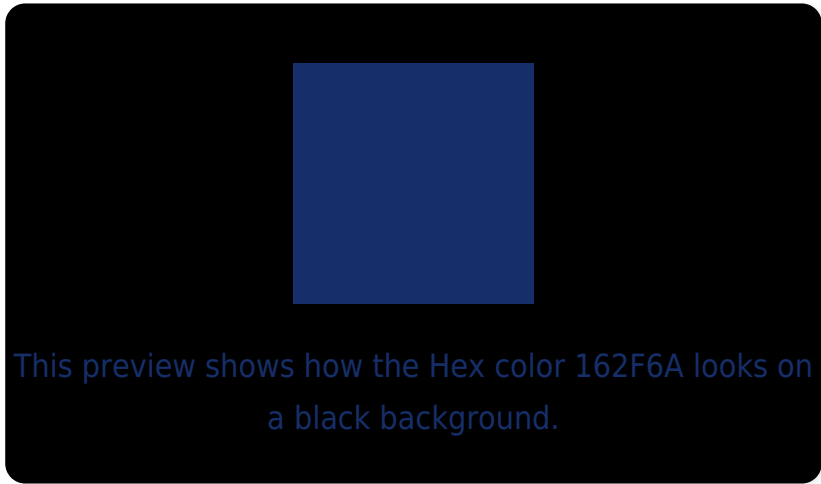
Large Text (above 18pt) WCAG AA ✓ Pass

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

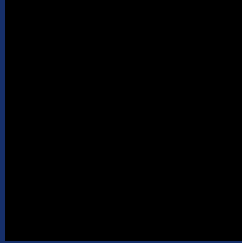
Any Text WCAG AA × Fail

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 162F6A Background



This preview shows how black text looks on a background with the Hex color 162F6A.



This preview shows how white text looks on a background with the Hex color 162F6A.

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

162F6A

Protanopia

003168

Deuteranopia

003459

Trichromacy



Original Color
162F6A

Protanomaly
083069

Deuteranomaly
08325F

Monochromacy



Original Color
162F6A

Achromatopsia
2E2E2E

Achromatomaly
252E44

CSS Examples

Text

The CSS property to change the color of the text to Hex 162F6A 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 #162F6A looks like.

```
.text, #text, p{  
    color:#162F6A  
}
```

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 #162F6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162F6A
}
```

Border

The CSS property to change the border of an element to Hex 162F6A 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
#162F6A }
```

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

```
.border{ border-color:#162F6A }
```

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

Here you see how a box with a 4 pixel #162F6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #162F6A; -webkit-box-shadow:4px 4px  
4px 4px #162F6A; box-shadow:4px 4px 4px  
4px #162F6A }
```

Background

The CSS property to change the background color of an element to Hex 162F6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#162F6A }
```

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

```
.background{ background-color:#162F6A }
```

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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