

# Converting Colors

Hex(122F53)

Have a look what the booklet for  
Hex(122F53) contains.

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# Color

Hex(122F53)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	122F53
RGB	18, 47, 83
RGB Percent	7%, 18%, 33%
CMY	0.9294, 0.8157, 0.6745
CMYK	0.78, 0.43, 0.00, 0.67
HSL	213°, 64%, 20%
HSV	213°, 78%, 33%
XYZ	2.8273, 2.7862, 8.5724
YIQ	42.4330, -28.8400, 5.0480

# Conversions

## Conversions Part 2

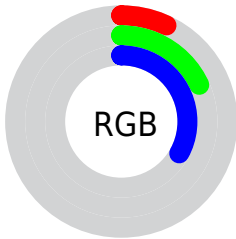
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 38, 83
Decimal	1191763
CIE <sub>Lab</sub>	19.17, 3.34, -25.09
CIE <sub>LCh</sub>	19, 25.309, 277.592
Yxy	2.7862, 0.1993, 0.1964
Android (android.graphics.Color)	4279381843 (0xFF122F53)
YUV	42.4330, 19.9995, -21.4277
Hunter-Lab	16.6918, 1.0242, -18.7652

# Details

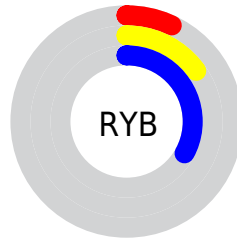
The Hex color **122F53** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **533612**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **475D85**, and **000326** is the 20% darker color. If you saturate the color by 10%, you get **0A2A53**, and if you desaturate by 10%, it is **1A3453**.

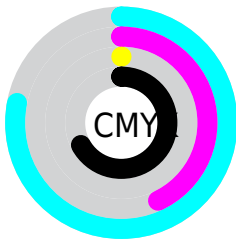
# Distribution



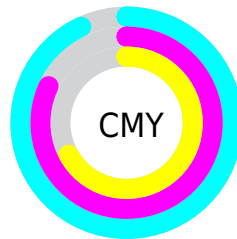
- Red (7%)
- Green (18%)
- Blue (33%)



- Red (7%)
- Yellow (15%)
- Blue (33%)



- Cyan (78%)
- Magenta (43%)
- Yellow (0%)
- Black (67%)



- Cyan (93%)
- Magenta (82%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 122F53 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 122F53 by changing the saturation by 10% instead.



■ 122F53

■ 122F53

FFFFFF

■ 001B3C

■ 475D85

■ 000326

■ 60759F

■ 00010F

■ 7A8FBA

■ 000000

■ 95A9D6

■ B0C4F2

■ CCE0FF

■ E9FDFF

■ 122F53

■ 122F53

■ 0A2A53

■ 1A3453

■ 012653

■ 233853

■ 002553

■ 2B3D53

■ 334153

■ 3B4653

■ 444B53

■ 4C4F53

■ 545453

■ 5D5853

# Harmonies

## Analogous

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



003450



122F53



36284C

# Triad

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



122F53



4E2119



003620

# Complementary

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



122F53



533612

# 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.



203410



122F53



44280B

# Square

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



122F53



501E2B



342F05



003733

# Rectangle

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



122F53



432342



342F05



0E361A



# Sweetspot

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



122F53



525D6B



125336



272D36



B5B5B5



363636



# Same Dimension

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



122F53



06336B



151253



252729



002F69



0068E8



# Inverse Universe

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



53122F



6B0633



505312



292527



69002F



E80068



# Previews

## White Background



This preview shows how the Hex color 122F53 looks on a white background.

## Color Contrast Check

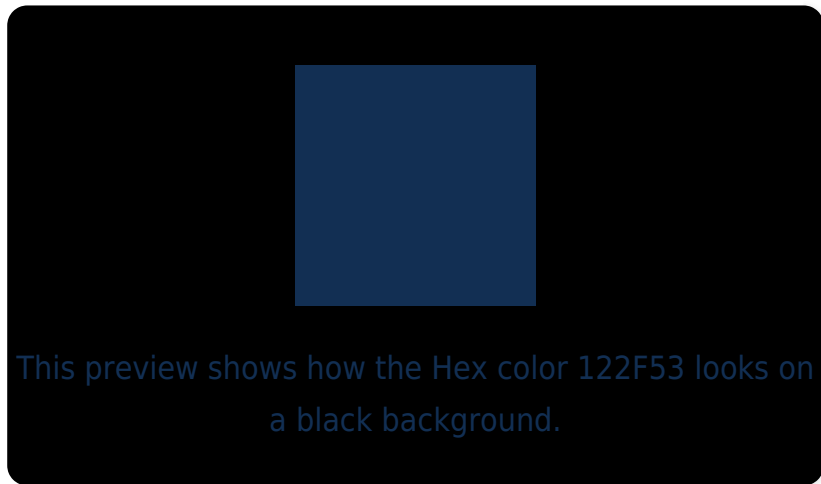
Large Text (above 18pt) WCAG AA ✓ Pass

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 122F53 Background



This preview shows how black text looks on a background with the Hex color 122F53.



This preview shows how white text looks on a background with the Hex color 122F53.

# 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**  
122F53

**Protanopia**  
1E2E52

**Deuteranopia**  
0D2F53



**Tritanopia**  
003438

# Trichromacy



**Original Color**  
122F53

**Protanomaly**  
1A2E52

**Deuteranomaly**  
0F2F53

**Tritanomaly**  
073242

# Monochromacy



**Original Color**  
122F53

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
212C39

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 122F53 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 #122F53 looks like.

```
.text, #text, p{  
    color:#122F53  
}
```

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 #122F53 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #122F53
}
```

## Border

The CSS property to change the border of an element to Hex 122F53 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
#122F53 }
```

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

```
.border{ border-color:#122F53 }
```

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

Here you see how a box with a 4 pixel #122F53 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #122F53; -webkit-box-shadow:4px 4px  
4px 4px #122F53; box-shadow:4px 4px 4px  
4px #122F53 }
```

# Background

The CSS property to change the background color of an element to Hex 122F53 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#122F53 }
```

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

```
.background{ background-color:#122F53 }
```

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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