

# Converting Colors

Hex(190072)

Have a look what the booklet for  
Hex(190072) contains.

<b>Hex(190072)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(190072)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	190072
RGB	25, 0, 114
RGB Percent	10%, 0%, 45%
CMY	0.9020, 1.0000, 0.5529
CMYK	0.78, 1.00, 0.00, 0.55
HSL	253°, 100%, 22%
HSV	253°, 100%, 45%
XYZ	3.4382, 1.4216, 16.0128
YIQ	20.4710, -21.6940, 40.7540

# Conversions

## Conversions Part 2

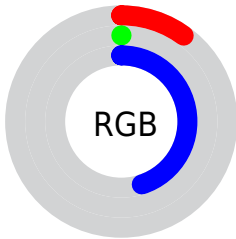
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	25, 0, 114
Decimal	1638514
CIE <sub>Lab</sub>	12.10, 44.24, -57.12
CIE <sub>LCh</sub>	12, 72.246, 307.757
Yxy	1.4216, 0.1647, 0.0681
Android (android.graphics.Color)	4279828594 (0xFF190072)
YUV	20.4710, 46.1098, 3.9719
Hunter-Lab	11.9230, 30.6078, -71.2813

# Details

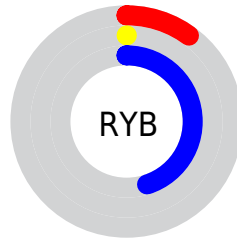
The Hex color **190072** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **597200**, and the grayscale version is **141414**.

A 20% lighter version of the original color is **5732A7**, and **000040** is the 20% darker color. If you saturate the color by 10%, you get **190072**, and if you desaturate by 10%, it is **220B72**.

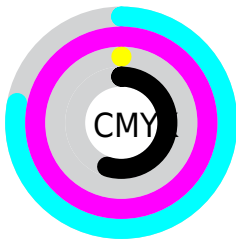
# Distribution



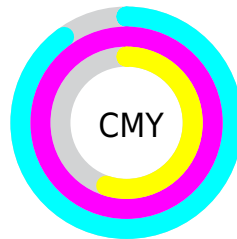
- Red (10%)
- Green (0%)
- Blue (45%)



- Red (10%)
- Yellow (0%)
- Blue (45%)



- Cyan (78%)
- Magenta (100%)
- Yellow (0%)
- Black (55%)



- Cyan (90%)
- Magenta (100%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 190072 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 190072 by changing the saturation by 10% instead.



 190072

 190072

 FFEBFF

 000059

 5732A7

 000040

 744AC3

 000329

 9063DF

 000113

 AC7DFC

 000000

 C998FF

 E6B3FF

 FFCFFF

 190072

 220B72

 2B1772

 342272

 3D2E72

 463972

 4E4472

 575072

 605B72

 696772

# Harmonies

## Analogous

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



002788



190072



5E0047

# Triad

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



190072



450800



002E2C

# Complementary

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



190072



597200

# 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.



002D00



190072



1D2300

# Square

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



190072



600000



002C00



00315E

# Rectangle

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



190072



6B0026



002C00



002E1B



# Sweetspot

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



190072



716894



005972



352F4A



C9C9C9



4A4A4A



# Same Dimension

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



190072



200094



520072



343238



1A0078



3600F7



# Inverse Universe

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



720059



940073



207200



383237



78005E

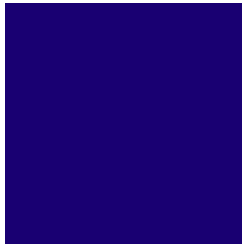


F700C1



# Previews

## White Background



This preview shows how the Hex color 190072 looks on a white background.

## Color Contrast Check

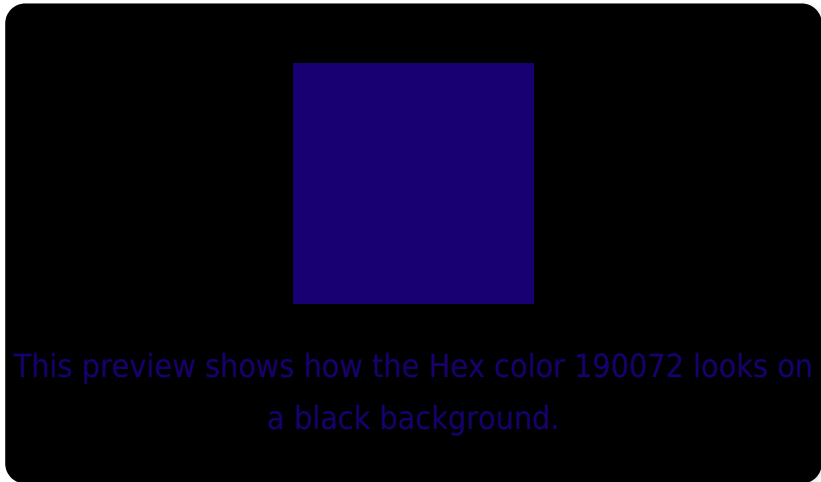
Large Text (above 18pt) WCAG AA ✓ Pass

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

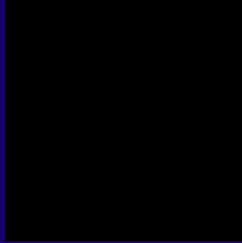
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 190072 Background



This preview shows how black text looks on a background with the Hex color 190072.



This preview shows how white text looks on a background with the Hex color 190072.

# 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**  
190072

**Protanopia**  
002349

**Deuteranopia**  
00253E



# Trichromacy



**Original Color**  
190072

**Protanomaly**  
091658

**Deuteranomaly**  
091851

**Tritanomaly**  
091944

# Monochromacy



**Original Color**  
190072

**Achromatopsia**  
141414

**Achromatomaly**  
160D36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 190072 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 #190072 looks like.

```
.text, #text, p{  
    color:#190072  
}
```

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 #190072 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #190072
}
```

## Border

The CSS property to change the border of an element to Hex 190072 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
#190072 }
```

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

```
.border{ border-color:#190072 }
```

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

Here you see how a box with a 4 pixel #190072 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #190072; -webkit-box-shadow:4px 4px  
4px 4px #190072; box-shadow:4px 4px 4px  
4px #190072 }
```

# Background

The CSS property to change the background color of an element to Hex 190072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#190072 }
```

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

```
.background{ background-color:#190072 }
```

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