

Converting Colors

Hex(53136B)

Have a look what the booklet for
Hex(53136B) contains.

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Color

Hex(53136B)

Conversions

Conversions Part 1

Format	Color
Hex	53136B
RGB	83, 19, 107
RGB Percent	33%, 7%, 42%
CMY	0.6745, 0.9255, 0.5804
CMYK	0.22, 0.82, 0.00, 0.58
HSL	284°, 70%, 25%
HSV	284°, 82%, 42%
XYZ	6.4540, 3.3663, 14.2195
YIQ	48.1680, 9.8960, 40.9360

Conversions

Conversions Part 2

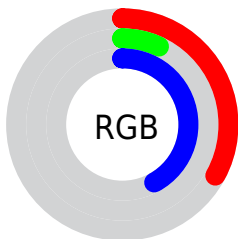
Format	Color
R_{YB}	83, 19, 107
Decimal	5444459
CIE _{Lab}	21.45, 42.54, -36.89
CIE _{LCh}	21, 56.311, 319.068
Yxy	3.3663, 0.2685, 0.1400
Android (android.graphics.Color)	4283634539 (0xFF53136B)
YUV	48.1680, 29.0042, 30.5477
Hunter-Lab	18.3474, 30.6822, -33.1074

Details

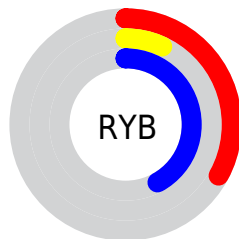
The Hex color **53136B** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2B6B13**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **88469F**, and **24003B** is the 20% darker color. If you saturate the color by 10%, you get **50086B**, and if you desaturate by 10%, it is **561E6B**.

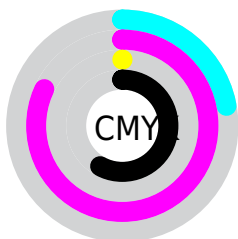
Distribution



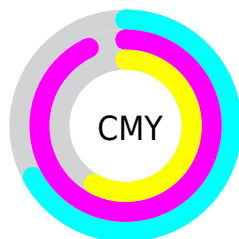
- Red (33%)
- Green (7%)
- Blue (42%)



- Red (33%)
- Yellow (7%)
- Blue (42%)



- Cyan (22%)
- Magenta (82%)
- Yellow (0%)
- Black (58%)



- Cyan (67%)
- Magenta (93%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 53136B 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 53136B by changing the saturation by 10% instead.

 53136B

 53136B

FFFFFF

 3A0052

 88469F

 24003B

 A360BA

 000024

 BF7AD6

 00000C

 DB94F3

 000000

 F9B0FF

 FFCBFF

 FFE8FF

 53136B

 53136B

■ 50086B

■ 561E6B

■ 4E006B

■ 59286B

■ 5C336B

■ 5F3E6B

■ 62496B

■ 65536B

■ 675E6B

■ 6A696B

■ 6D736B

Harmonies

Analogous

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



003084



53136B



730045

Triad

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



53136B



4D2C00



00444E

Complementary

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



53136B



2B6B13

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.



004222



53136B



273900

Square

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



53136B



691100



004000



004373

Rectangle

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



53136B



780029



004000



004340

Sweetspot

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



53136B



83698C



132C6B



423247



C7C7C7



474747

Same Dimension

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



53136B



66018C



6B1358



343036



550075



B200F5

Inverse Universe

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



6B132B



8C0127



136B26



363032



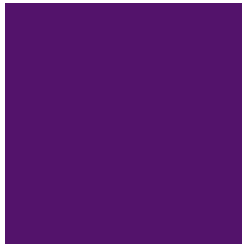
750020



F50043

Previews

White Background



This preview shows how the Hex color 53136B looks on a white background.

Color Contrast Check

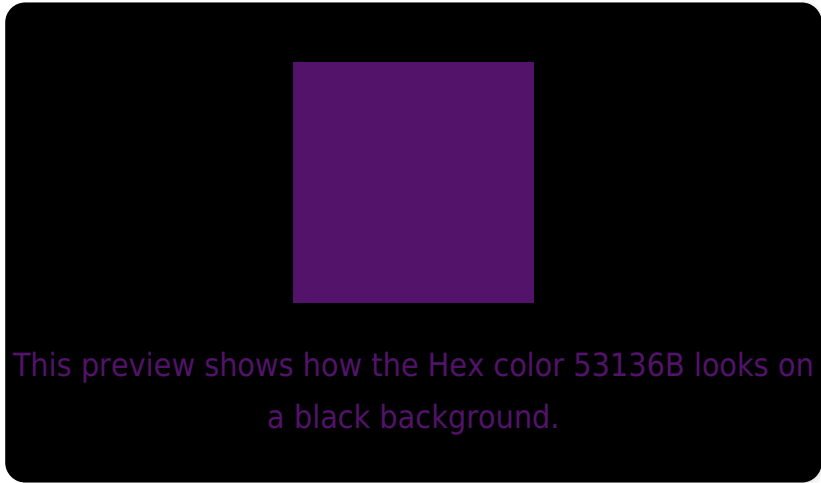
Large Text (above 18pt) WCAG AA ✓ Pass

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

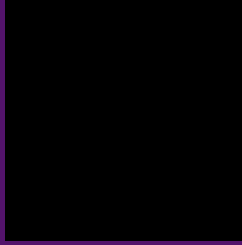
Any Text WCAG AA × Fail

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 53136B Background



This preview shows how black text looks on a background with the Hex color 53136B.



This preview shows how white text looks on a background with the Hex color 53136B.

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
53136B

Protanopia
00336C

Deuteranopia
00365F



Tritanopia
4A2D30

Trichromacy



Original Color
53136B

Protanomaly
1E276C

Deuteranomaly
1E2963

Tritanomaly
4D2445

Monochromacy



Original Color
53136B

Achromatopsia
303030

Achromatomaly
3D2545

CSS Examples

Text

The CSS property to change the color of the text to Hex 53136B 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 #53136B looks like.

```
.text, #text, p{  
    color:#53136B  
}
```

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 #53136B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #53136B
}
```

Border

The CSS property to change the border of an element to Hex 53136B 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".

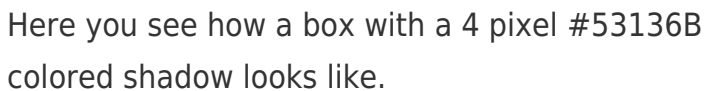
```
.border, #border, table{ border:4px solid
#53136B }
```

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

```
.border{ border-color:#53136B }
```

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

Here you see how a box with a 4 pixel #53136B colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #53136B color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #53136B; -webkit-box-shadow:4px 4px  
4px 4px #53136B; box-shadow:4px 4px 4px  
4px #53136B }
```

Background

The CSS property to change the background color of an element to Hex 53136B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#53136B }
```

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

```
.background{ background-color:#53136B }
```

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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