

Converting Colors

Hex(64136D)

Have a look what the booklet for
Hex(64136D) contains.

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Color

Hex(64136D)

Conversions

Conversions Part 1

Format	Color
Hex	64136D
RGB	100, 19, 109
RGB Percent	39%, 7%, 43%
CMY	0.6078, 0.9255, 0.5725
CMYK	0.08, 0.83, 0.00, 0.57
HSL	294°, 70%, 25%
HSV	294°, 83%, 43%
XYZ	8.2487, 4.2792, 14.8592
YIQ	53.4790, 19.3860, 45.1620

Conversions

Conversions Part 2

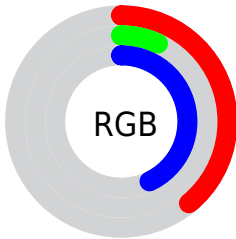
Format	Color
R_{YB}	100, 19, 109
Decimal	6558573
CIE _{Lab}	24.57, 46.48, -33.01
CIE _{LCh}	25, 57.015, 324.616
Yxy	4.2792, 0.3012, 0.1562
Android (android.graphics.Color)	4284748653 (0xFF64136D)
YUV	53.4790, 27.3719, 40.7989
Hunter-Lab	20.6862, 34.9768, -28.1085

Details

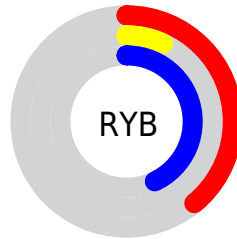
The Hex color **64136D** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **1C6D13**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **9A49A1**, and **31003D** is the 20% darker color. If you saturate the color by 10%, you get **63086D**, and if you desaturate by 10%, it is **651E6D**.

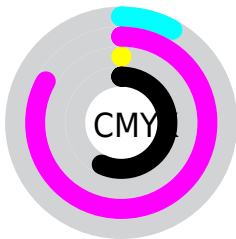
Distribution



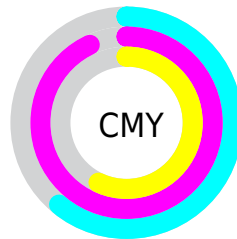
- Red (39%)
- Green (7%)
- Blue (43%)



- Red (39%)
- Yellow (7%)
- Blue (43%)



- Cyan (8%)
- Magenta (83%)
- Yellow (0%)
- Black (57%)



- Cyan (61%)
- Magenta (93%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 64136D 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 64136D by changing the saturation by 10% instead.

64136D

64136D

FFFFFF

4A0054

9A49A1

31003D

B663BC

180026

D27ED8

00010F

EF99F5

000000

FFB4FF

FFD0FF

FFEDFF

64136D

64136D

■ 63086D

■ 651E6D

■ 62006D

■ 66296D

■ 67346D

■ 683F6D

■ 694A6D

■ 6B546D

■ 6C5F6D

■ 6D6A6D

■ 6E756D

Harmonies

Analogous

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



0F338A



64136D



7F0044

Triad

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



64136D



4F3600



004B5D

Complementary

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



64136D



1C6D13

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.



004B31



64136D



264200

Square

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



64136D



6E1F00



004800



004A81

Rectangle

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



64136D



820028



004800



004B4F

Sweetspot

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



64136D



8B6B8F



131C6D



453247



C7C7C7



474747

Same Dimension

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



64136D



81018F



6D1349



353036



6A0075



DC00F5

Inverse Universe

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



6D131C



8F0110



136D37



363031



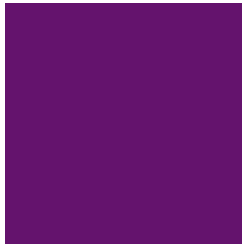
75000C



F50018

Previews

White Background



This preview shows how the Hex color 64136D looks on a white background.

Color Contrast Check

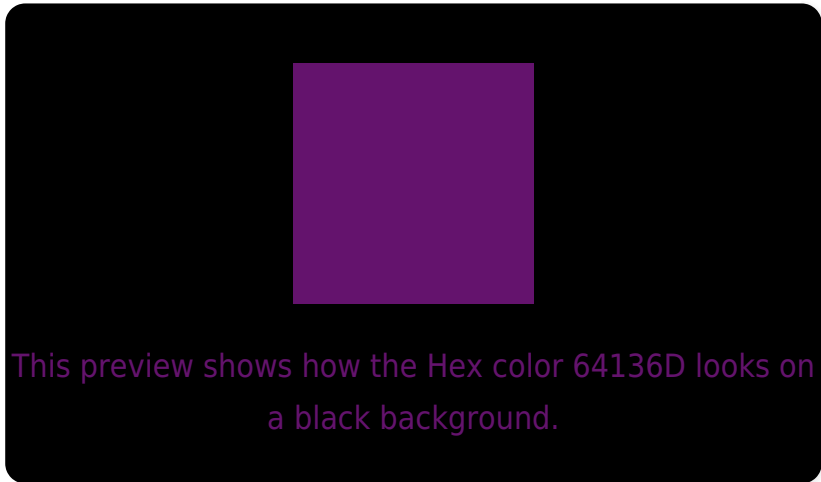
Large Text (above 18pt) WCAG AA ✓ Pass

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

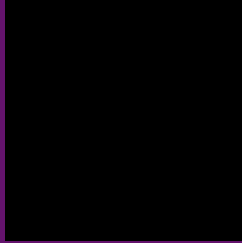
Any Text WCAG AA × Fail

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 64136D Background



This preview shows how black text looks on a background with the Hex color 64136D.



This preview shows how white text looks on a background with the Hex color 64136D.

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
64136D

Protanopia
003A7B

Deuteranopia
1C3D67



Tritanopia
5D2D31

Trichromacy



Original Color
64136D

Protanomaly
242C76

Deuteranomaly
362E69

Tritanomaly
602447

Monochromacy



Original Color
64136D

Achromatopsia
353535

Achromatomaly
462949

CSS Examples

Text

The CSS property to change the color of the text to Hex 64136D 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 #64136D looks like.

```
.text, #text, p{  
    color:#64136D  
}
```

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 #64136D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #64136D
}
```

Border

The CSS property to change the border of an element to Hex 64136D is called "border". The border property can be set on classes, ids or directly on the HTML element.

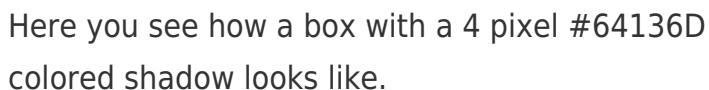
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#64136D }
```

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

```
.border{ border-color:#64136D }
```

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



Here you see how a box with a 4 pixel #64136D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #64136D; -webkit-box-shadow:4px 4px  
4px 4px #64136D; box-shadow:4px 4px 4px  
4px #64136D }
```

Background

The CSS property to change the background color of an element to Hex 64136D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#64136D }
```

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

```
.background{ background-color:#64136D }
```

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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