

Converting Colors

Hex(456091)

Have a look what the booklet for
Hex(456091) contains.

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Color

Hex(456091)

Conversions

Conversions Part 1

Format	Color
Hex	456091
RGB	69, 96, 145
RGB Percent	27%, 38%, 57%
CMY	0.7294, 0.6235, 0.4314
CMYK	0.52, 0.34, 0.00, 0.43
HSL	219°, 36%, 42%
HSV	219°, 52%, 57%
XYZ	11.7479, 11.6753, 28.4224
YIQ	93.5130, -31.8210, 9.5150

Conversions

Conversions Part 2

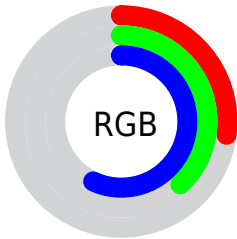
Format	Color
R _{YB}	69, 89, 145
Decimal	4546705
CIE Lab	40.70, 4.69, -30.07
CIE LCh	41, 30.432, 278.861
Yxy	11.6753, 0.2266, 0.2252
Android (android.graphics.Color)	4282736785 (0xFF456091)
YUV	93.5130, 25.3831, -21.4979
Hunter-Lab	34.1691, 1.5755, -25.4000

Details

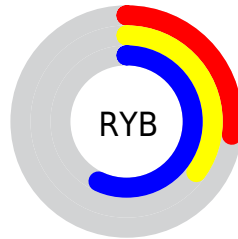
The Hex color **456091** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **917645**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **7A92C7**, and **09325E** is the 20% darker color. If you saturate the color by 10%, you get **375791**, and if you desaturate by 10%, it is **536991**.

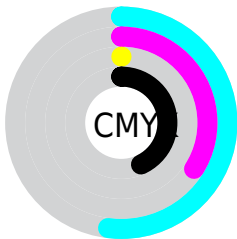
Distribution



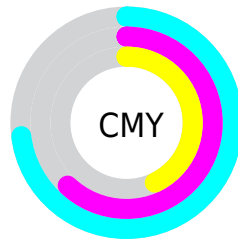
- Red (27%)
- Green (38%)
- Blue (57%)



- Red (27%)
- Yellow (35%)
- Blue (57%)



- Cyan (52%)
- Magenta (34%)
- Yellow (0%)
- Black (43%)



- Cyan (73%)
- Magenta (62%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456091 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 456091 by changing the saturation by 10% instead.

■ 456091

■ 456091

FFFFFF

■ 2A4877

■ 7A92C7

■ 09325E

■ 95ADE3

■ 001E46

■ B1C8FF

■ 000330

■ CDE4FF

■ 00011A

■ EAFFFF

■ 000000

■ 456091

■ 456091

■ 375791

■ 536991

■ 284D91

■ 627391

■ 194491

■ 717C91

■ 0B3B91

■ 7F8591

■ 003491

■ 8D8F91

■ 9C9891

■ ABA191

■ B9AB91

■ C8B491

Harmonies

Analogous

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



00678E



456091



6C5787

Triad

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



456091



8C5042



2B6B4D

Complementary

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



456091



917645

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.



4D6838



456091



7E5831

Square

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



456091



8F4B59



68612D



006D67

Rectangle

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



456091



7E517A



68612D



386A45

Sweetspot

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



456091



9FA9BD



459175



4C535E



DEDEDE



5E5E5E

Same Dimension

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



456091



4670BD



4F4591



404347



003087



000308

Inverse Universe

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



914560



BD4670



879145



474043



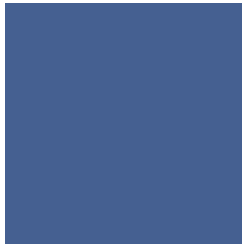
870030



080003

Previews

White Background



This preview shows how the Hex color 456091 looks on a white background.

Color Contrast Check

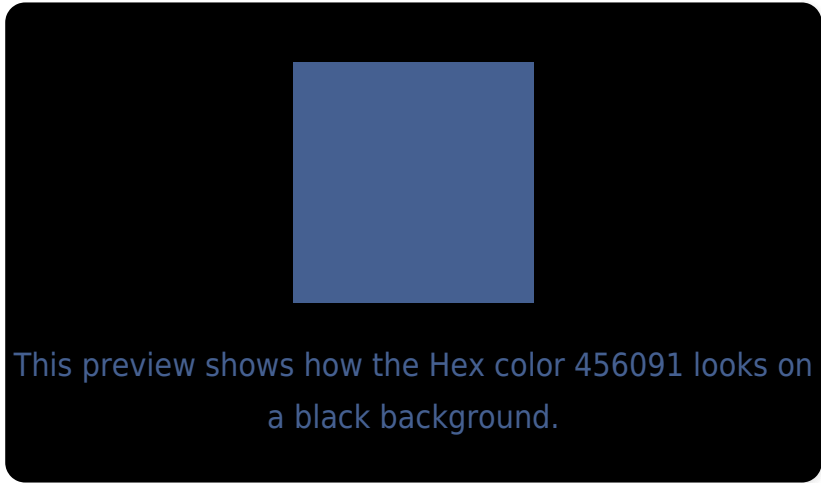
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

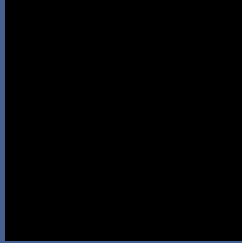
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

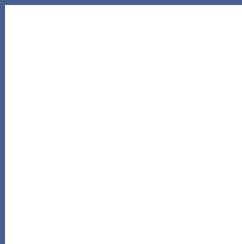
Any Text WCAG AAA × Fail

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

Hex 456091 Background



This preview shows how black text looks on a background with the Hex color 456091.



This preview shows how white text looks on a background with the Hex color 456091.

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
456091

Protanopia
4F5E8F

Deuteranopia
485F91



Tritanopia
39676F

Trichromacy



Original Color
456091

Protanomaly
4B5F90

Deuteranomaly
475F91

Tritanomaly
3D647B

Monochromacy



Original Color
456091

Achromatopsia
5E5E5E

Achromatomaly
555F71

CSS Examples

Text

The CSS property to change the color of the text to Hex 456091 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 #456091 looks like.

```
.text, #text, p{  
    color:#456091  
}
```

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 #456091 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456091
}
```

Border

The CSS property to change the border of an element to Hex 456091 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
#456091 }
```

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

```
.border{ border-color:#456091 }
```

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

Here you see how a box with a 4 pixel #456091 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456091; -webkit-box-shadow:4px 4px  
4px 4px #456091; box-shadow:4px 4px 4px  
4px #456091 }
```

Background

The CSS property to change the background color of an element to Hex 456091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456091 }
```

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

```
.background{ background-color:#456091 }
```

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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