

Converting Colors

Hex(456DA4)

Have a look what the booklet for
Hex(456DA4) contains.

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Color

Hex(456DA4)

Conversions

Conversions Part 1

Format	Color
Hex	456DA4
RGB	69, 109, 164
RGB Percent	27%, 43%, 64%
CMY	0.7294, 0.5725, 0.3569
CMYK	0.58, 0.34, 0.00, 0.36
HSL	215°, 41%, 46%
HSV	215°, 58%, 64%
XYZ	14.6237, 14.8828, 37.2239
YIQ	103.3100, -41.4950, 8.6250

Conversions

Conversions Part 2

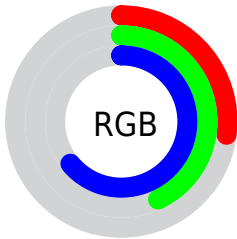
Format	Color
RYB	69, 97, 164
Decimal	4550052
CIELab	45.47, 2.95, -33.86
CIELCh	45, 33.986, 274.983
Yxy	14.8828, 0.2191, 0.2230
Android (android.graphics.Color)	4282740132 (0xFF456DA4)
YUV	103.3100, 29.9202, -30.0899
Hunter-Lab	38.5783, 0.1514, -30.2037

Details

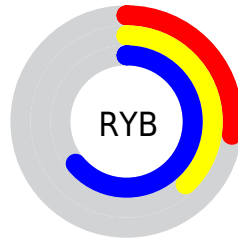
The Hex color **456DA4** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A47C45**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **7CA0DB**, and **003E70** is the 20% darker color. If you saturate the color by 10%, you get **3564A4**, and if you desaturate by 10%, it is **5576A4**.

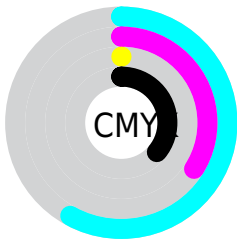
Distribution



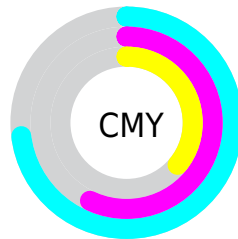
- Red (27%)
- Green (43%)
- Blue (64%)



- Red (27%)
- Yellow (38%)
- Blue (64%)



- Cyan (58%)
- Magenta (34%)
- Yellow (0%)
- Black (36%)



- Cyan (73%)
- Magenta (57%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 456DA4 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 456DA4 by changing the saturation by 10% instead.

■ 456DA4

■ 456DA4

FFFFFF

■ 275589

■ 7CA0DB

■ 003E70

■ 98BBF8

■ 002957

■ B4D7FF

■ 00143F

■ D1F3FF

■ 000329

■ EEEFFF

■ 000113

■ 000000

■ 456DA4

■ 456DA4

■ 3564A4

■ 5576A4

■ 245AA4

■ 6680A4

■ 1451A4

■ 7689A4

■ 0347A4

■ 8793A4

■ 0045A4

■ 979CA4

■ A7A6A4

■ B8AFA4

■ C8B9A4

■ D9C2A4

Harmonies

Analogous

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



00759F



456DA4



74629A

Triad

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



456DA4



9F584D



357853

Complementary

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



456DA4



A47C45

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.



5A733C



456DA4



906238

Square

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



456DA4



A15468



786C31



007A70

Rectangle

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



456DA4



8A5B8D



786C31



43774A

Sweetspot

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



456DA4



B2C1D6



45A47B



565F6B



EBEBEB



6B6B6B

Same Dimension

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



456DA4



407FD6



4B45A4



494D52



003D91



000812

Inverse Universe

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



A4456D



D6407F



9EA445



52494D



91003D



120008

Previews

White Background



This preview shows how the Hex color 456DA4 looks on a white background.

Color Contrast Check

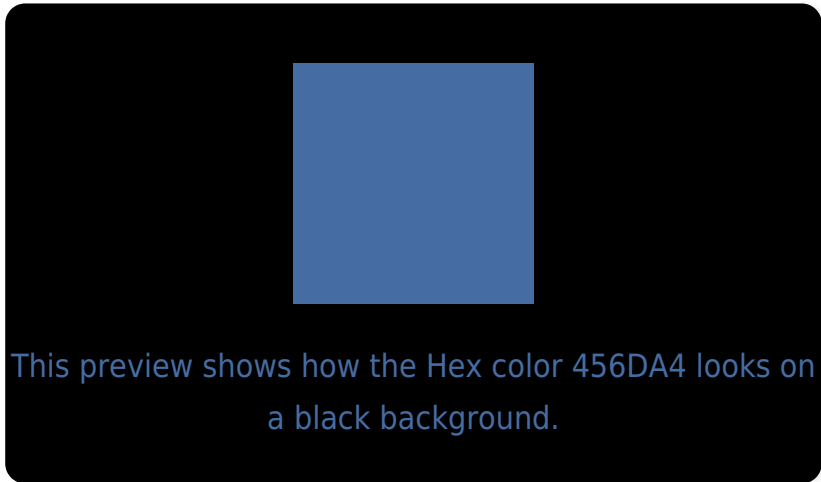
Large Text (above 18pt) WCAG AA ✓ Pass

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

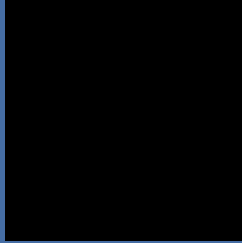
Any Text WCAG AA × Fail

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 456DA4 Background



This preview shows how black text looks on a background with the Hex color 456DA4.

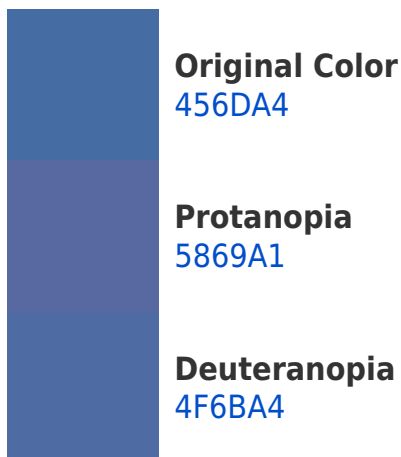


This preview shows how white text looks on a background with the Hex color 456DA4.

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](#).

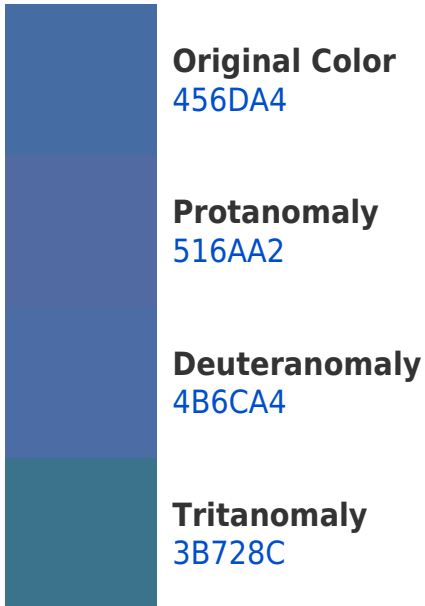
Dichromacy





Tritanopia
35757E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 456DA4 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 #456DA4 looks like.

```
.text, #text, p{  
    color:#456DA4  
}
```

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 #456DA4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #456DA4
}
```

Border

The CSS property to change the border of an element to Hex 456DA4 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
#456DA4 }
```

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

```
.border{ border-color:#456DA4 }
```

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

Here you see how a box with a 4 pixel #456DA4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #456DA4; -webkit-box-shadow:4px 4px  
4px 4px #456DA4; box-shadow:4px 4px 4px  
4px #456DA4 }
```

Background

The CSS property to change the background color of an element to Hex 456DA4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#456DA4 }
```

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

```
.background{ background-color:#456DA4 }
```

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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