

Converting Colors

Hex(4362A4)

Have a look what the booklet for
Hex(4362A4) contains.

Hex(4362A4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4362A4)

Conversions

Conversions Part 1

Format	Color
Hex	4362A4
RGB	67, 98, 164
RGB Percent	26%, 38%, 64%
CMY	0.7373, 0.6157, 0.3569
CMYK	0.59, 0.40, 0.00, 0.36
HSL	221°, 42%, 45%
HSV	221°, 59%, 64%
XYZ	13.3833, 12.6090, 36.8504
YIQ	96.2550, -39.6620, 13.9540

Conversions

Conversions Part 2

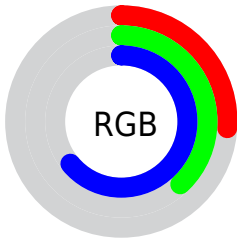
Format	Color
R_{YB}	67, 90, 164
Decimal	4416164
CIE _{Lab}	42.17, 9.40, -39.09
CIE _{LCh}	42, 40.201, 283.519
Yxy	12.6090, 0.2130, 0.2006
Android (android.graphics.Color)	4282606244 (0xFF4362A4)
YUV	96.2550, 33.3983, -25.6566
Hunter-Lab	35.5091, 5.1350, -36.6730

Details

The Hex color **4362A4** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **A48543**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **7B94DB**, and **003470** is the 20% darker color. If you saturate the color by 10%, you get **3357A4**, and if you desaturate by 10%, it is **536DA4**.

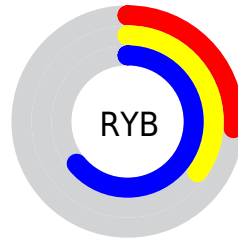
Distribution



Red (26%)

Green (38%)

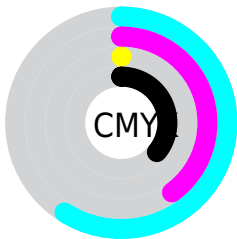
Blue (64%)



Red (26%)

Yellow (35%)

Blue (64%)

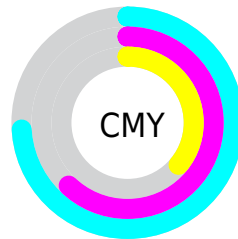


Cyan (59%)

Magenta (40%)

Yellow (0%)

Black (36%)



Cyan (74%)

Magenta (62%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4362A4 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 4362A4 by changing the saturation by 10% instead.



4362A4



4362A4

FFFFFF



254A89



7B94DB



003470



96AFF8



002057



B3CAFF



00073F



CFE6FF



000328



EDFFFF



000112



000000



4362A4



4362A4



3357A4



536DA4

■ 224CA4

■ 6478A4

■ 1241A4

■ 7483A4

■ 0135A4

■ 858FA4

■ 0034A4

■ 959AA4

■ A5A5A4

■ B6B0A4

■ C6BBA4

■ D7C6A4

Harmonies

Analogous

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



006CA3



4362A4



795594

Triad

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



4362A4



994E37



007350

Complementary

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



4362A4



A48543

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.



426E31



4362A4



855B22

Square

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



4362A4



A14656



67671E



007472

Rectangle

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



4362A4



8F4C82



67671E



1D7245

Sweetspot

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



4362A4



B0BCD6



43A484



545B6B



EBEBEB



6B6B6B

Same Dimension

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



4362A4



3E6FD6



5343A4



494C52



002E91



000612

Inverse Universe

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



A44362



D63E6F



94A443



52494C



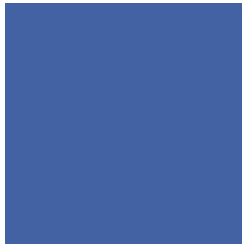
91002E



120006

Previews

White Background



This preview shows how the Hex color 4362A4 looks on a white background.

Color Contrast Check

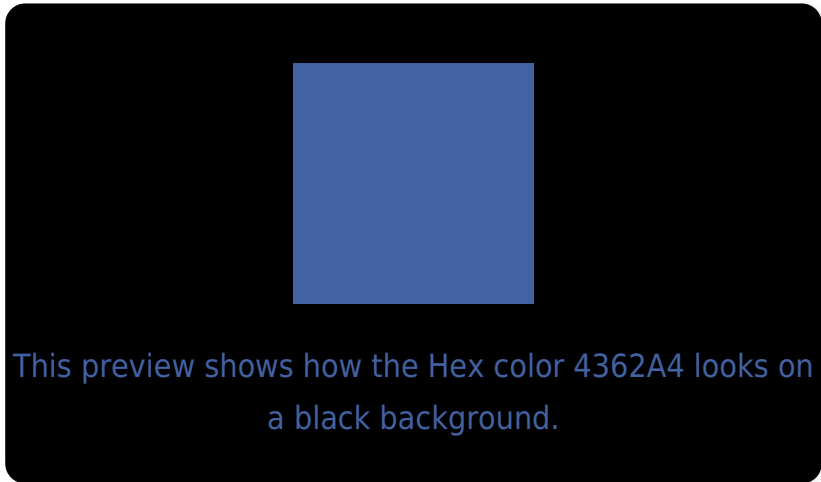
Large Text (above 18pt) WCAG AA ✓ Pass

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 4362A4 Background



This preview shows how black text looks on a background with the Hex color 4362A4.



This preview shows how white text looks on a background with the Hex color 4362A4.

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
4362A4

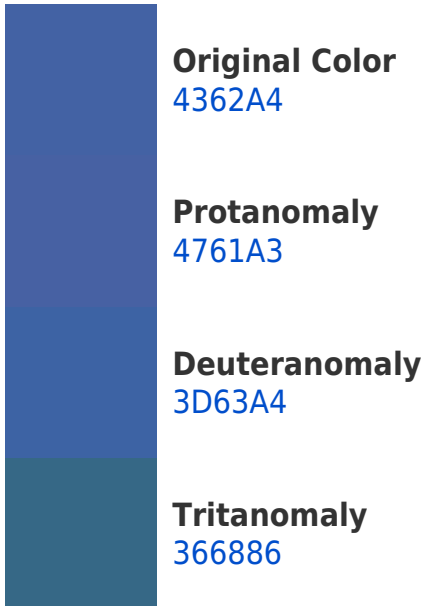
Protanopia
4961A3

Deuteranopia
3A64A4

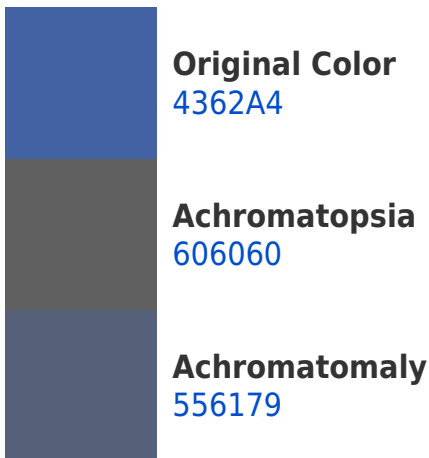


Tritanopia
2F6C75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4362A4 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 #4362A4 looks like.

```
.text, #text, p{  
    color:#4362A4  
}
```

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 #4362A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4362A4
}
```

Border

The CSS property to change the border of an element to Hex 4362A4 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
#4362A4 }
```

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

```
.border{ border-color:#4362A4 }
```

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

Here you see how a box with a 4 pixel #4362A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4362A4; -webkit-box-shadow:4px 4px  
4px 4px #4362A4; box-shadow:4px 4px 4px  
4px #4362A4 }
```

Background

The CSS property to change the background color of an element to Hex 4362A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4362A4 }
```

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

```
.background{ background-color:#4362A4 }
```

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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