

Converting Colors

Hex(3626A5)

Have a look what the booklet for
Hex(3626A5) contains.

Hex(3626A5)	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(3626A5)

Conversions

Conversions Part 1

Format	Color
Hex	3626A5
RGB	54, 38, 165
RGB Percent	21%, 15%, 65%
CMY	0.7882, 0.8510, 0.3529
CMYK	0.67, 0.77, 0.00, 0.35
HSL	248°, 63%, 40%
HSV	248°, 77%, 65%
XYZ	9.0060, 4.8871, 36.0659
YIQ	57.2620, -31.2310, 42.8890

Conversions

Conversions Part 2

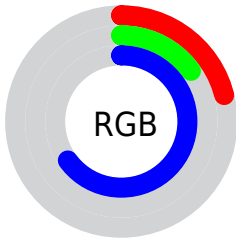
Format	Color
R_{YB}	54, 38, 165
Decimal	3548837
CIE _{Lab}	26.41, 45.14, -65.26
CIE _{LCh}	26, 79.351, 304.673
Yxy	4.8871, 0.1803, 0.0978
Android (android.graphics.Color)	4281738917 (0xFF3626A5)
YUV	57.2620, 53.1148, -2.8608
Hunter-Lab	22.1068, 34.0312, -81.2534

Details

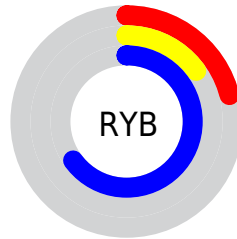
The Hex color **3626A5** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **95A526**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **7456DD**, and **000070** is the 20% darker color. If you saturate the color by 10%, you get **2816A5**, and if you desaturate by 10%, it is **4437A5**.

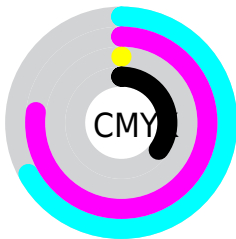
Distribution



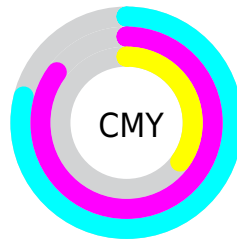
- Red (21%)
- Green (15%)
- Blue (65%)



- Red (21%)
- Yellow (15%)
- Blue (65%)



- Cyan (67%)
- Magenta (77%)
- Yellow (0%)
- Black (35%)



- Cyan (79%)
- Magenta (85%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3626A5 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 3626A5 by changing the saturation by 10% instead.

■ 3626A5

■ 3626A5

FFFFFF

■ 050E8A

■ 7456DD

■ 000070

■ 916FFA

■ 000056

■ AE89FF

■ 00063E

■ CCA4FF

■ 000327

■ EABFFF

■ 000111

■ FFDBFF

■ 000000

■ FFF8FF

■ 3626A5

■ 3626A5

■ 2816A5

■ 4437A5

■ 1905A5

■ 5347A5

■ 1500A5

■ 6157A5

■ 7068A5

■ 7E78A5

■ 8D89A5

■ 9B9AA5

■ A9AAA5

■ B8BBA5

Harmonies

Analogous

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



0046BC



3626A5



880074

Triad

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



3626A5



742300



005347

Complementary

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



3626A5



95A526

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.



005100



3626A5



454000

Square

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



3626A5



950000



004C00



005483

Rectangle

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



3626A5



9C004C



004C00



005232

Sweetspot

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



3626A5



ABA5D6



2696A5



514D6B



EBEBEB



6B6B6B

Same Dimension

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



3626A5



2A11D6



7426A5



4A4952



120091



020012

Inverse Universe

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



A52695



D611BD



57A526



524951



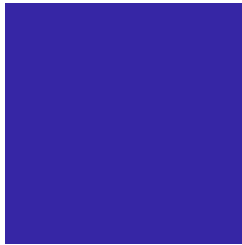
91007F



120010

Previews

White Background



This preview shows how the Hex color 3626A5 looks on a white background.

Color Contrast Check

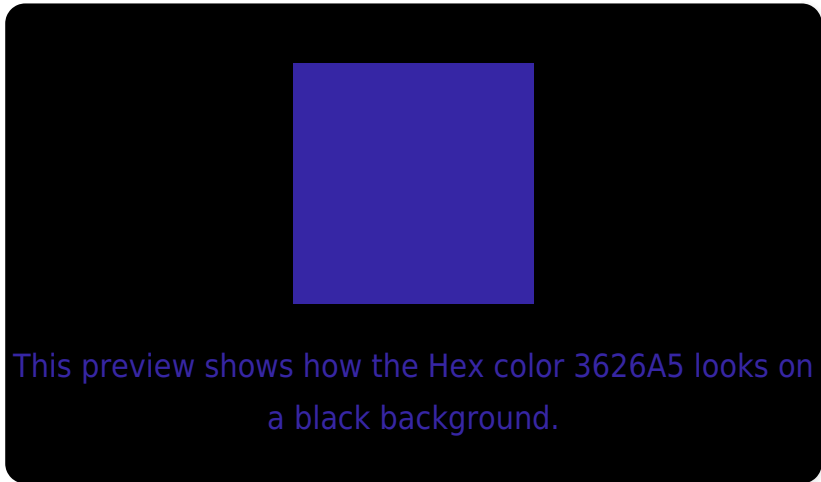
Large Text (above 18pt) WCAG AA ✓ Pass

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

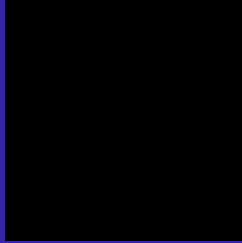
Any Text WCAG AA × Fail

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 3626A5 Background



This preview shows how black text looks on a background with the Hex color 3626A5.



This preview shows how white text looks on a background with the Hex color 3626A5.

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
3626A5

Protanopia
003D7F

Deuteranopia
00416D



Tritanopia
00464A

Trichromacy



Original Color
3626A5

Protanomaly
14358D

Deuteranomaly
143781

Tritanomaly
143A6B

Monochromacy



Original Color
3626A5

Achromatopsia
393939

Achromatomaly
383260

CSS Examples

Text

The CSS property to change the color of the text to Hex 3626A5 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 #3626A5 looks like.

```
.text, #text, p{  
    color:#3626A5  
}
```

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 #3626A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3626A5
}
```

Border

The CSS property to change the border of an element to Hex 3626A5 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".

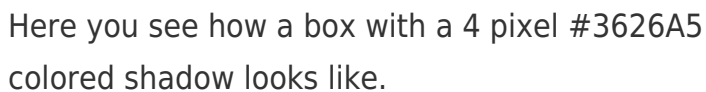
```
.border, #border, table{ border:4px solid
#3626A5 }
```

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

```
.border{ border-color:#3626A5 }
```

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

Here you see how a box with a 4 pixel #3626A5 colored shadow looks like.

A rectangular box with a thick blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3626A5; -webkit-box-shadow:4px 4px  
4px 4px #3626A5; box-shadow:4px 4px 4px  
4px #3626A5 }
```

Background

The CSS property to change the background color of an element to Hex 3626A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3626A5 }
```

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

```
.background{ background-color:#3626A5 }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor