

Converting Colors

Hex(1645A5)

Have a look what the booklet for
Hex(1645A5) contains.

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Color

Hex(1645A5)

Conversions

Conversions Part 1

Format	Color
Hex	1645A5
RGB	22, 69, 165
RGB Percent	9%, 27%, 65%
CMY	0.9137, 0.7294, 0.3529
CMYK	0.87, 0.58, 0.00, 0.35
HSL	220°, 76%, 37%
HSV	220°, 87%, 65%
XYZ	9.2505, 7.1434, 36.4886
YIQ	65.8910, -58.8280, 19.8920

Conversions

Conversions Part 2

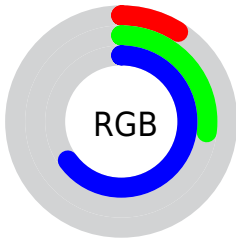
Format	Color
R _Y B	22, 57, 165
Decimal	1459621
CIE Lab	32.13, 22.53, -55.93
CIE LCh	32, 60.301, 291.939
Yxy	7.1434, 0.1749, 0.1351
Android (android.graphics.Color)	4279649701 (0xFF1645A5)
YUV	65.8910, 48.8607, -38.4924
Hunter-Lab	26.7272, 15.0079, -62.2350

Details

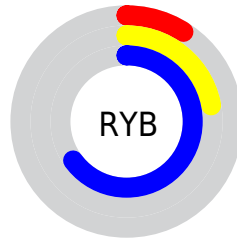
The Hex color **1645A5** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **A57616**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **5F75DD**, and **001C70** is the 20% darker color. If you saturate the color by 10%, you get **063AA5**, and if you desaturate by 10%, it is **2750A5**.

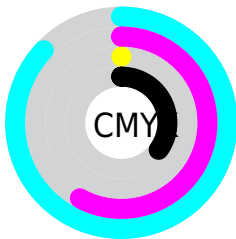
Distribution



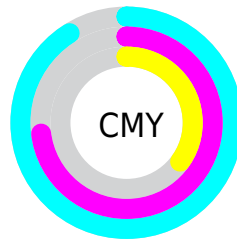
- Red (9%)
- Green (27%)
- Blue (65%)



- Red (9%)
- Yellow (22%)
- Blue (65%)



- Cyan (87%)
- Magenta (58%)
- Yellow (0%)
- Black (35%)



- Cyan (91%)
- Magenta (73%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1645A5 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 1645A5 by changing the saturation by 10% instead.

■ 1645A5

■ 1645A5

FFFFFF

■ 002F8A

■ 5F75DD

■ 001C70

■ 7C8EFA

■ 000257

■ 9AA8FF

■ 00063F

■ B7C3FF

■ 000328

■ D5DFFF

■ 000112

■ F3FCFF

■ 000000

■ 1645A5

■ 1645A5

■ 063AA5

■ 2750A5

■ 0036A5

■ 375BA5

■ 4866A5

■ 5871A5

■ 697CA5

■ 7987A5

■ 8A93A5

■ 9A9EA5

■ ABA9A5

Harmonies

Analogous

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



0056AB



1645A5



762987

Triad

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



1645A5



892D00



005E3D

Complementary

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



1645A5



A57616

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.



005B03



1645A5



684500

Square

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



1645A5



9B022C



3D5300



005F6E

Rectangle

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



1645A5



8F0A6A



3D5300



005D2C

Sweetspot

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



1645A5



9FB1D6



16A575



4A556B



EBEBEB



6B6B6B

Same Dimension

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



1645A5



0046D6



2E16A5



494C52



003091



000612

Inverse Universe

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



A51645



D60046



8DA516



52494C



910030



120006

Previews

White Background



This preview shows how the Hex color 1645A5 looks on a white background.

Color Contrast Check

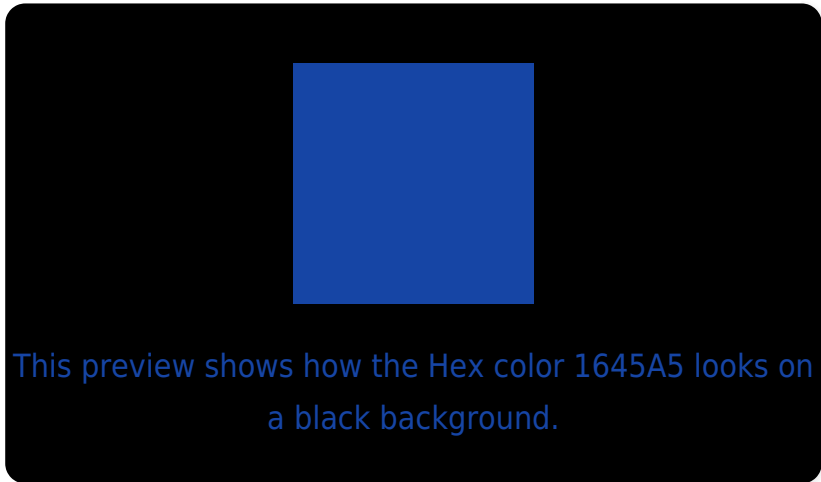
Large Text (above 18pt) WCAG AA ✓ Pass

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

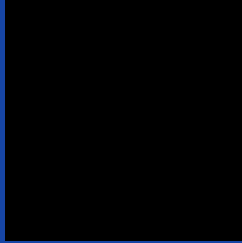
Any Text WCAG AA × Fail

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 1645A5 Background



This preview shows how black text looks on a background with the Hex color 1645A5.



This preview shows how white text looks on a background with the Hex color 1645A5.

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
1645A5

Protanopia
00499A

Deuteranopia
004D84

Trichromacy



Original Color

1645A5

Protanomaly

08489E

Deuteranomaly

084A90

Tritanomaly

084F75

Monochromacy



Original Color

1645A5

Achromatopsia

424242

Achromatomaly

324366

CSS Examples

Text

The CSS property to change the color of the text to Hex 1645A5 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 #1645A5 looks like.

```
.text, #text, p{  
    color:#1645A5  
}
```

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 #1645A5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1645A5
}
```

Border

The CSS property to change the border of an element to Hex 1645A5 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
#1645A5 }
```

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

```
.border{ border-color:#1645A5 }
```

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

Here you see how a box with a 4 pixel #1645A5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1645A5; -webkit-box-shadow:4px 4px  
4px 4px #1645A5; box-shadow:4px 4px 4px  
4px #1645A5 }
```

Background

The CSS property to change the background color of an element to Hex 1645A5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1645A5 }
```

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

```
.background{ background-color:#1645A5 }
```

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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