

Converting Colors

Hex(965EB5)

Have a look what the booklet for
Hex(965EB5) contains.

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Color

Hex(965EB5)

Conversions

Conversions Part 1

Format	Color
Hex	965EB5
RGB	150, 94, 181
RGB Percent	59%, 37%, 71%
CMY	0.4118, 0.6314, 0.2902
CMYK	0.17, 0.48, 0.00, 0.29
HSL	279°, 37%, 54%
HSV	279°, 48%, 71%
XYZ	24.9209, 17.8256, 45.8433
YIQ	120.6620, 5.4490, 38.9290

Conversions

Conversions Part 2

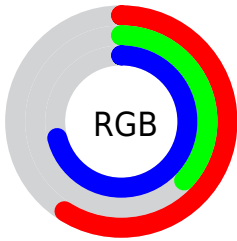
Format	Color
R_{YB}	150, 94, 181
Decimal	9854645
CIE _{Lab}	49.28, 38.62, -37.34
CIE _{LCh}	49, 53.724, 315.968
Yxy	17.8256, 0.2813, 0.2012
Android (android.graphics.Color)	4288044725 (0xFF965EB5)
YUV	120.6620, 29.7466, 25.7294
Hunter-Lab	42.2204, 31.4750, -34.8233

Details

The Hex color **965EB5** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **7DB55E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **CE92ED**, and **612D80** is the 20% darker color. If you saturate the color by 10%, you get **904CB5**, and if you desaturate by 10%, it is **9C70B5**.

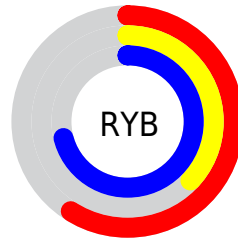
Distribution



Red (59%)

Green (37%)

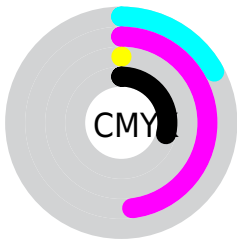
Blue (71%)



Red (59%)

Yellow (37%)

Blue (71%)

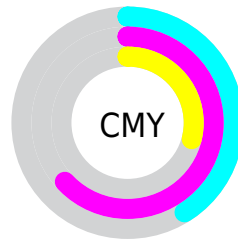


Cyan (17%)

Magenta (48%)

Yellow (0%)

Black (29%)



Cyan (41%)

Magenta (63%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 965EB5 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 965EB5 by changing the saturation by 10% instead.

965EB5

965EB5

FFFFFF

7B459A

CE92ED

612D80

EBADFF

471466

FFC9FF

2E004E

FFE5FF

1A0037

000220

000004

000000

965EB5

965EB5

904CB5

9C70B5

893AB5

A382B5

8328B5

A994B5

7C16B5

B0A6B5

7603B5

B6B9B5

7500B5

BDCBB5

C3DDB5

CAEFB5

D0FFB5

Harmonies

Analogous

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



4872CD



965EB5



BC4C8C

Triad

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



965EB5



9E6B12



008B8D

Complementary

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



965EB5



7DB55E

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.



00895D



965EB5



757A0D

Square

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



965EB5



BB5835



3F8431



0088B6

Rectangle

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



965EB5



C6486E



3F8431



008B7D

Sweetspot

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



965EB5



DFCAEB



5E7EB5



6E6175



F5F5F5



757575

Same Dimension

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



965EB5



BA63EB



B55EA9



565059



620099



10001A

Inverse Universe

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



B55E7D



EB6393



5EB56A



595054



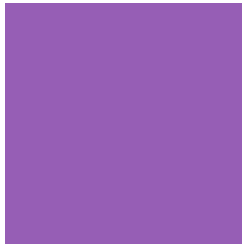
990037



1A0009

Previews

White Background



This preview shows how the Hex color 965EB5 looks on a white background.

Color Contrast Check

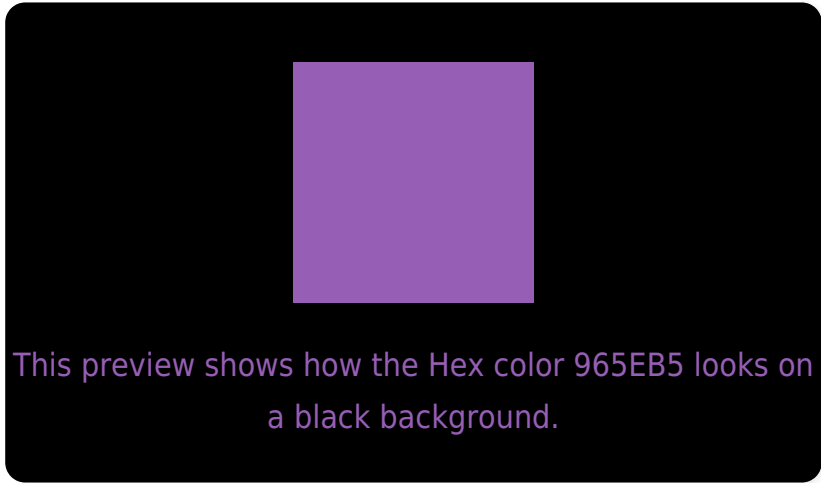
Large Text (above 18pt) WCAG AA ✓ Pass

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

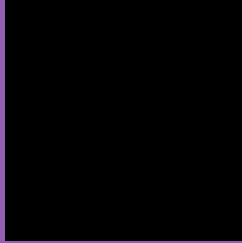
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 965EB5 Background



This preview shows how black text looks on a background with the Hex color 965EB5.

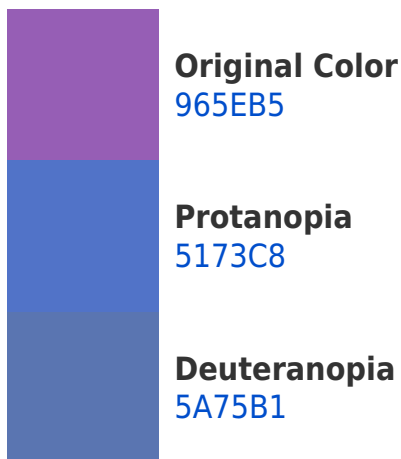



This preview shows how white text looks on a background with the Hex color 965EB5.

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](#).

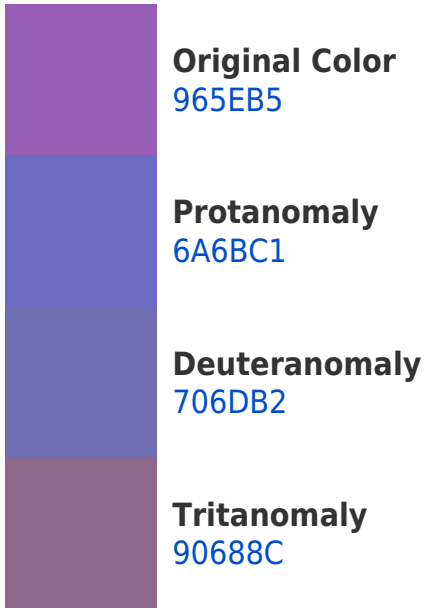
Dichromacy



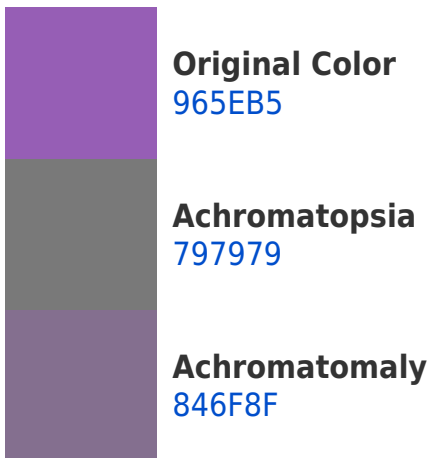


Tritanopia
8C6D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 965EB5 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 #965EB5 looks like.

```
.text, #text, p{  
    color:#965EB5  
}
```

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 #965EB5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #965EB5
}
```

Border

The CSS property to change the border of an element to Hex 965EB5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

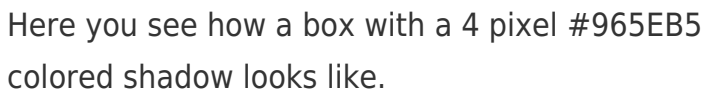
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#965EB5 }
```

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

```
.border{ border-color:#965EB5 }
```

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



Here you see how a box with a 4 pixel #965EB5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #965EB5; -webkit-box-shadow:4px 4px  
4px 4px #965EB5; box-shadow:4px 4px 4px  
4px #965EB5 }
```

Background

The CSS property to change the background color of an element to Hex 965EB5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#965EB5 }
```

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

```
.background{ background-color:#965EB5 }
```

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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