

# Converting Colors

Hex(1550AC)

Have a look what the booklet for  
Hex(1550AC) contains.

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# Color

Hex(1550AC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1550AC
RGB	21, 80, 172
RGB Percent	8%, 31%, 67%
CMY	0.9176, 0.6863, 0.3255
CMYK	0.88, 0.53, 0.00, 0.33
HSL	217°, 78%, 38%
HSV	217°, 88%, 67%
XYZ	10.6243, 8.8753, 40.1829
YIQ	72.8470, -64.6960, 16.1040

# Conversions

## Conversions Part 2

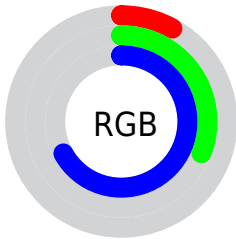
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	21, 63, 172
Decimal	1396908
CIE Lab	35.74, 17.83, -54.25
CIE LCh	36, 57.099, 288.191
Yxy	8.8753, 0.1780, 0.1487
Android (android.graphics.Color)	4279586988 (0xFF1550AC)
YUV	72.8470, 48.8824, -45.4698
Hunter-Lab	29.7915, 11.5221, -59.1166

# Details

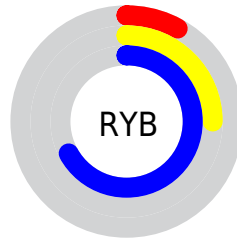
The Hex color **1550AC** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AC7115**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6081E4**, and **002577** is the 20% darker color. If you saturate the color by 10%, you get **0446AC**, and if you desaturate by 10%, it is **265AAC**.

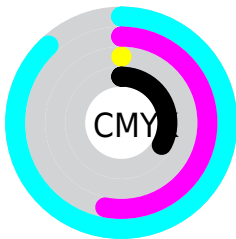
# Distribution



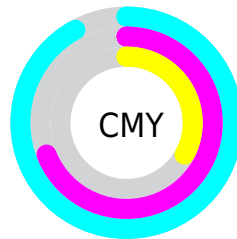
- Red (8%)
- Green (31%)
- Blue (67%)



- Red (8%)
- Yellow (25%)
- Blue (67%)



- Cyan (88%)
- Magenta (53%)
- Yellow (0%)
- Black (33%)



- Cyan (92%)
- Magenta (69%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 1550AC 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 1550AC by changing the saturation by 10% instead.



 1550AC

 1550AC

FFFFFF

 003A91

 6081E4

 002577

 7E9AFF

 00125D

 9BB5FF

 000845

 B9D0FF

 00032E

 D6EDFF

 000118

 F4FFFF

 000000

 1550AC

 1550AC

 0446AC

 265AAC

■ 0043AC

■ 3765AC

■ 496FAC

■ 5A7AAC

■ 6B84AC

■ 7C8FAC

■ 8D99AC

■ 9FA4AC

■ B0AEAC

# Harmonies

## Analogous

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



005FAE



1550AC



773892

# Triad

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



1550AC



94350D



006740

# Complementary

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



1550AC



AC7115

# 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.



00630C



1550AC



764C00

# Square

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



1550AC



A31C3B



4D5A00



00686F

# Rectangle

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



1550AC



932677



4D5A00



006630



# Sweetspot

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



1550AC



A6BDE0



15AC70



4D5B70



F0F0F0



707070



# Same Dimension

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



1550AC



0058E0



2415AC



4E5157



003B96



000917



# Inverse Universe

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



AC1550



E00058



9DAC15



574E51



96003B



170009



# Previews

## White Background



This preview shows how the Hex color 1550AC looks on a white background.

## Color Contrast Check

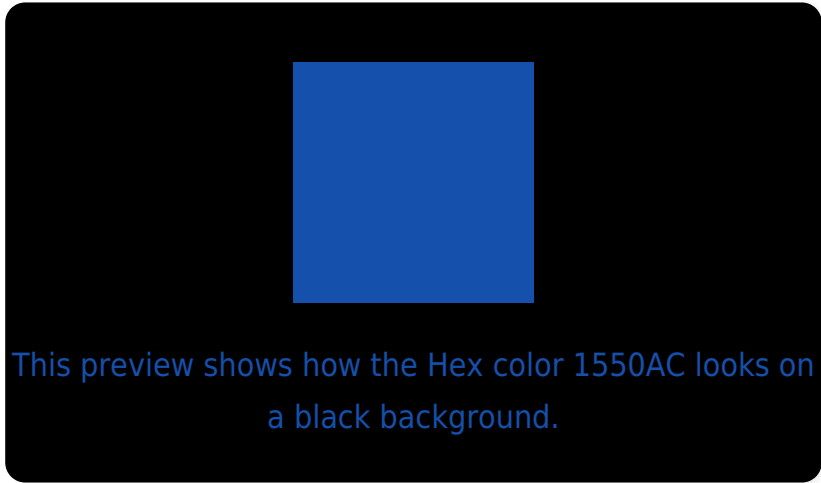
Large Text (above 18pt) WCAG AA ✓ Pass

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

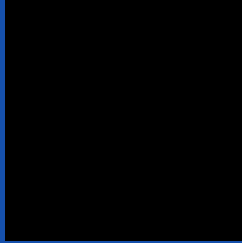
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1550AC Background



This preview shows how black text looks on a background with the Hex color 1550AC.



This preview shows how white text looks on a background with the Hex color 1550AC.

# 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**  
1550AC

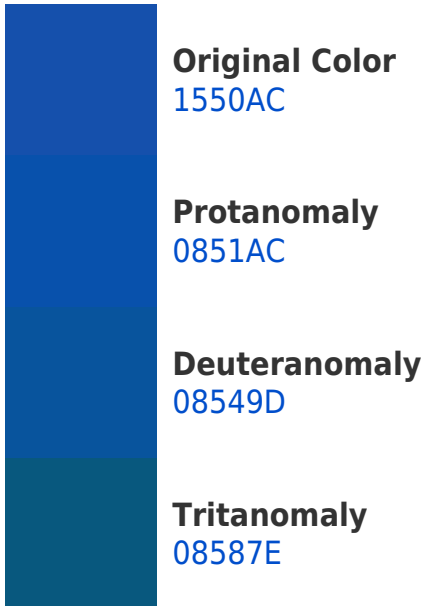
**Protanopia**  
0051AC

**Deuteranopia**  
005694

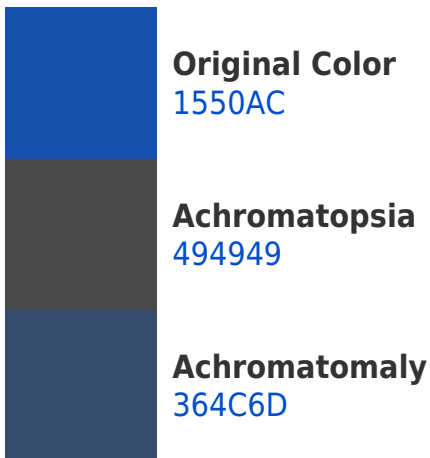


**Tritanopia**  
005D63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1550AC 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 #1550AC looks like.

```
.text, #text, p{  
    color:#1550AC  
}
```

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 #1550AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1550AC
}
```

## Border

The CSS property to change the border of an element to Hex 1550AC 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
#1550AC }
```

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

```
.border{ border-color:#1550AC }
```

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

Here you see how a box with a 4 pixel #1550AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1550AC; -webkit-box-shadow:4px 4px  
4px 4px #1550AC; box-shadow:4px 4px 4px  
4px #1550AC }
```

# Background

The CSS property to change the background color of an element to Hex 1550AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1550AC }
```

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

```
.background{ background-color:#1550AC }
```

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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