

Converting Colors

Hex(1527A9)

Have a look what the booklet for
Hex(1527A9) contains.

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Color

Hex(1527A9)

Conversions

Conversions Part 1

Format	Color
Hex	1527A9
RGB	21, 39, 169
RGB Percent	8%, 15%, 66%
CMY	0.9176, 0.8471, 0.3373
CMYK	0.88, 0.77, 0.00, 0.34
HSL	233°, 78%, 37%
HSV	233°, 88%, 66%
XYZ	8.1962, 4.4750, 37.9679
YIQ	48.4380, -52.4580, 36.6140

Conversions

Conversions Part 2

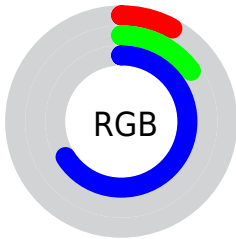
Format	Color
R_{YB}	21, 37, 169
Decimal	1386409
CIE _{Lab}	25.18, 43.38, -69.77
CIE _{LCh}	25, 82.155, 301.876
Yxy	4.4750, 0.1619, 0.0884
Android (android.graphics.Color)	4279576489 (0xFF1527A9)
YUV	48.4380, 59.4371, -24.0631
Hunter-Lab	21.1543, 32.1397, -91.6062

Details

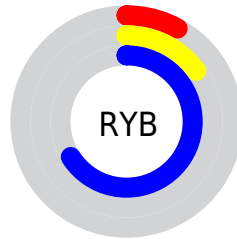
The Hex color **1527A9** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **A99715**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **6256E1**, and **000073** is the 20% darker color. If you saturate the color by 10%, you get **0418A9**, and if you desaturate by 10%, it is **2636A9**.

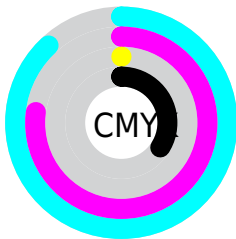
Distribution



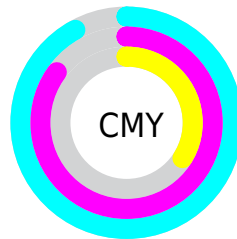
- Red (8%)
- Green (15%)
- Blue (66%)



- Red (8%)
- Yellow (15%)
- Blue (66%)



- Cyan (88%)
- Magenta (77%)
- Yellow (0%)
- Black (34%)



- Cyan (92%)
- Magenta (85%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1527A9 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 1527A9 by changing the saturation by 10% instead.

■ 1527A9

■ 1527A9

FFFFFF

■ 00118E

■ 6256E1

■ 000073

■ 816EFF

■ 00005A

■ 9F88FF

■ 000741

■ BDA3FF

■ 00032A

■ DBBEFF

■ 000114

■ F9DAFF

■ 000000

■ FFF7FF

■ 1527A9

■ 1527A9

■ 0418A9

■ 2636A9

■ 0015A9

■ 3745A9

■ 4854A9

■ 5962A9

■ 6971A9

■ 7A80A9

■ 8B8FA9

■ 9C9EA9

■ ADADA9

Harmonies

Analogous

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



0046BD



1527A9



830078

Triad

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



1527A9



761900



00503E

Complementary

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



1527A9



A99715

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.



004E00



1527A9



473C00

Square

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



1527A9



960000



004900



00517D

Rectangle

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



1527A9



990050



004900



004F28

Sweetspot

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



1527A9



A2A9DB



15A995



4C506E



EDEDED



6E6E6E

Same Dimension

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



1527A9



001BDB



4B15A9



4C4D54



001294



000214

Inverse Universe

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



A91527



DB001B



73A915



544C4D



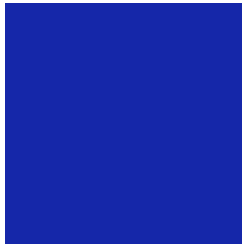
940012



140002

Previews

White Background



This preview shows how the Hex color 1527A9 looks on a white background.

Color Contrast Check

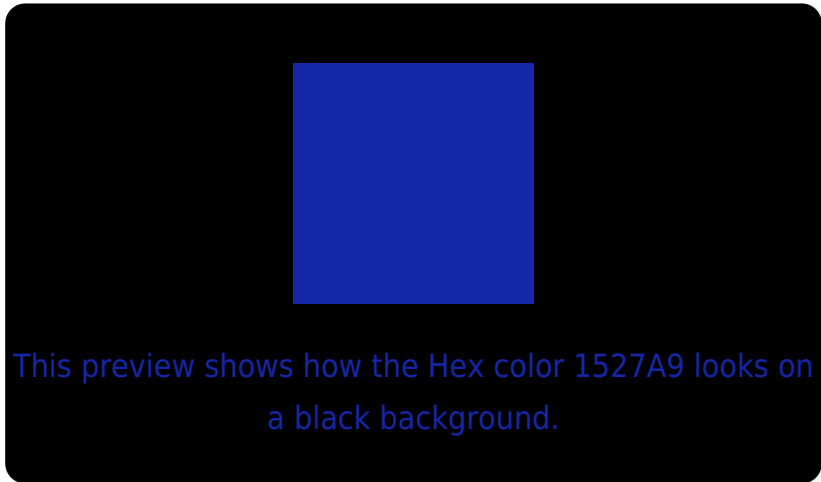
Large Text (above 18pt) WCAG AA ✓ Pass

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

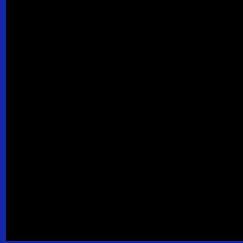
Any Text WCAG AA × Fail

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 1527A9 Background



This preview shows how black text looks on a background with the Hex color 1527A9.



This preview shows how white text looks on a background with the Hex color 1527A9.

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
1527A9

Protanopia
003A7A

Deuteranopia
003E67

Trichromacy



Original Color
1527A9

Protanomaly
08338B

Deuteranomaly
08367F

Tritanomaly
08396A

Monochromacy



Original Color
1527A9

Achromatopsia
303030

Achromatomaly
262D5C

CSS Examples

Text

The CSS property to change the color of the text to Hex 1527A9 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 #1527A9 looks like.

```
.text, #text, p{  
    color:#1527A9  
}
```

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 #1527A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1527A9
}
```

Border

The CSS property to change the border of an element to Hex 1527A9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

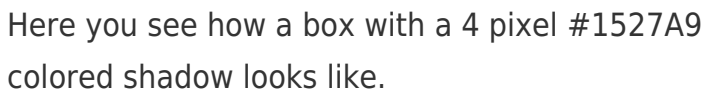
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#1527A9 }
```

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

```
.border{ border-color:#1527A9 }
```

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



Here you see how a box with a 4 pixel #1527A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1527A9; -webkit-box-shadow:4px 4px  
4px 4px #1527A9; box-shadow:4px 4px 4px  
4px #1527A9 }
```

Background

The CSS property to change the background color of an element to Hex 1527A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1527A9 }
```

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

```
.background{ background-color:#1527A9 }
```

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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