

# Converting Colors

Decimal(11525091)

Have a look what the booklet for  
Decimal(11525091) contains.

<b>Decimal(11525091)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Decimal(11525091)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AFDBE3
RGB	175, 219, 227
RGB Percent	69%, 86%, 89%
CMY	0.3137, 0.1412, 0.1098
CMYK	0.23, 0.04, 0.00, 0.11
HSL	189°, 48%, 79%
HSV	189°, 23%, 89%
XYZ	56.8758, 65.3230, 82.2840
YIQ	206.7560, -28.7920, -6.8400

# Conversions

## Conversions Part 2

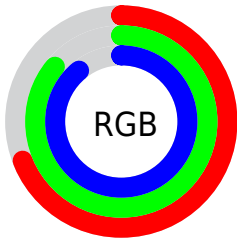
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 199, 227
Decimal	11525091
CIE <sub>Lab</sub>	84.65, -12.50, -8.64
CIE <sub>LCh</sub>	85, 15.190, 214.655
Yxy	65.3230, 0.2781, 0.3195
Android (android.graphics.Color)	4289715171 (0xFFAFDBE3)
YUV	206.7560, 9.9803, -27.8500
Hunter-Lab	80.8227, -15.8272, -3.7861

# Details

The Decimal color **11525091** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **14923695**, and the grayscale version is **13619151**.

A 20% lighter version of the original color is **15204351**, and **7972012** is the 20% darker color. If you saturate the color by 10%, you get **10016995**, and if you desaturate by 10%, it is **13033187**.

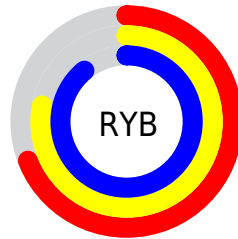
# Distribution



Red (69%)

Green (86%)

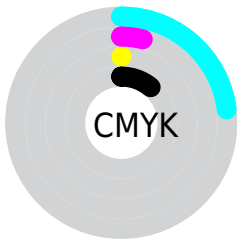
Blue (89%)



Red (69%)

Yellow (78%)

Blue (89%)

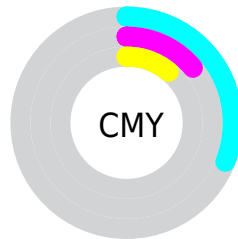


Cyan (23%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (31%)

Magenta (14%)

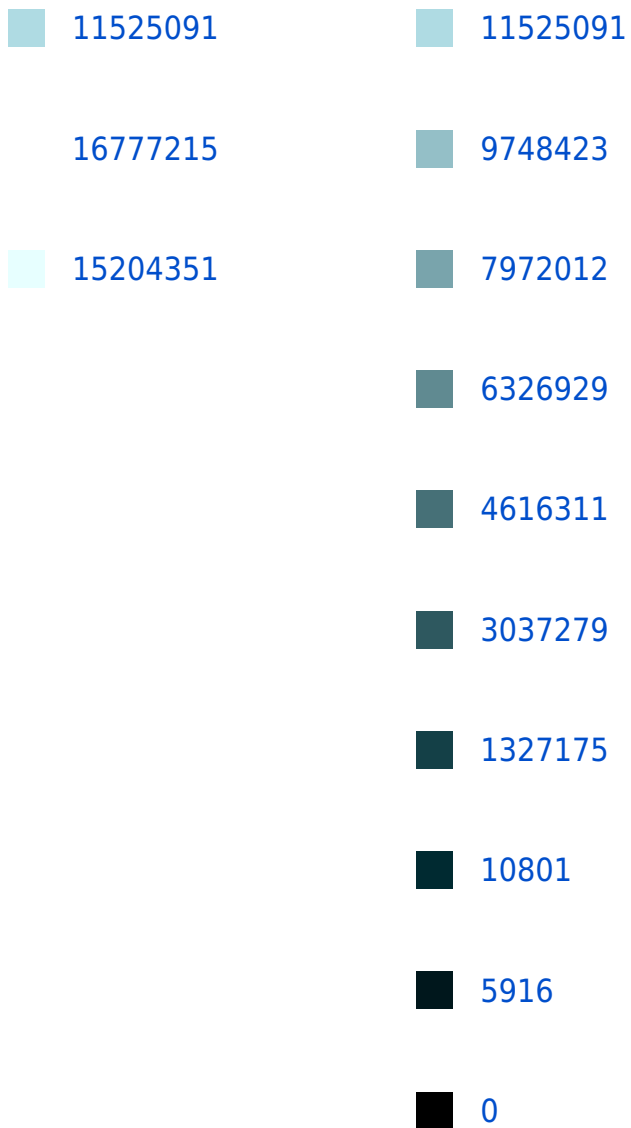
Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 11525091 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 Decimal color 11525091 by changing the saturation by 10% instead.





11525091

11525091

10016995

13033187

8574179

14476003

7066083

15984099

5557731

16771555

4115171

16772323

2606819

16773347

1098723

16774115

49379

16775139

16775907

# Harmonies

## Analogous

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



11656405



11525091



12048621

# Triad

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



11525091



15256544



14537655

# Complementary

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



11525091



14923695

# 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.



15388346



11525091



15846097

# Square

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



11525091



14274539



15846340



13424572

# Rectangle

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



11525091



12703215



15846340



14864823

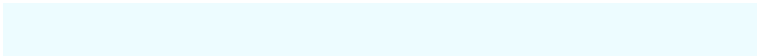


# Sweetspot

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



11525091



15596799



11527095



7700096



0



8421504

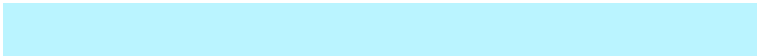


# Same Dimension

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



11525091



12252415



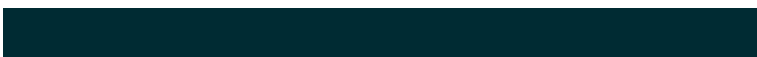
11518435



6779251



38835



11059



# Inverse Universe

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



14921691



16759540



14930351



7563121



11731095

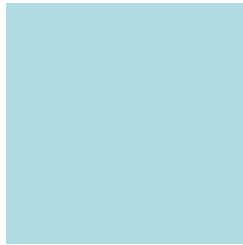


3342379



# Previews

## White Background



This preview shows how the Decimal color 11525091 looks on a white background.

## Color Contrast Check

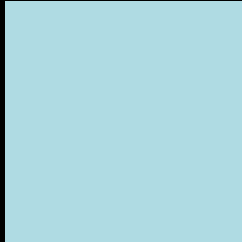
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Decimal color 11525091 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

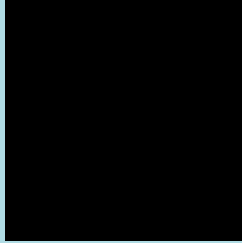
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Decimal 11525091 Background



This preview shows how black text looks on a background with the Decimal color 11525091.



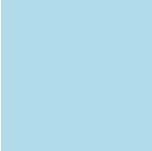
This preview shows how white text looks on a background with the Decimal color 11525091.

# 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**  
11655915

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 11525091 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 #AFDBE3 looks like.

```
.text, #text, p{  
    color:#AFDBE3  
}
```

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 #AFDBE3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFDBE3
}
```

## Border

The CSS property to change the border of an element to Decimal 11525091 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
#AFDBE3 }
```

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

```
.border{ border-color:#AFDBE3 }
```

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

Here you see how a box with a 4 pixel #AFDBE3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFDBE3; -webkit-box-shadow:4px 4px  
4px 4px #AFDBE3; box-shadow:4px 4px 4px  
4px #AFDBE3 }
```

# Background

The CSS property to change the background color of an element to Decimal 11525091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFDBE3 }
```

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

```
.background{ background-color:#AFDBE3 }
```

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