

Converting Colors

Decimal(12512509)

Have a look what the booklet for
Decimal(12512509) contains.

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Color

Decimal(12512509)

Conversions

Conversions Part 1

Format	Color
Hex	BEECFD
RGB	190, 236, 253
RGB Percent	75%, 93%, 99%
CMY	0.2549, 0.0745, 0.0078
CMYK	0.25, 0.07, 0.00, 0.01
HSL	196°, 94%, 87%
HSV	196°, 25%, 99%
XYZ	68.9603, 78.0299, 104.3552
YIQ	224.1840, -32.8730, -4.4650

Conversions

Conversions Part 2

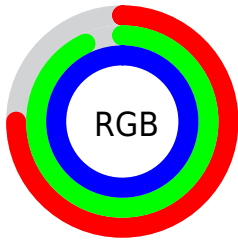
Format	Color
R _Y B	190, 217, 253
Decimal	12512509
CIE Lab	90.79, -11.03, -13.06
CIE LCh	91, 17.096, 229.819
Yxy	78.0299, 0.2744, 0.3104
Android (android.graphics.Color)	4290702589 (0xFFBEECFD)
YUV	224.1840, 14.2063, -29.9794
Hunter-Lab	88.3345, -15.2355, -8.2089

Details

The Decimal color **12512509** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **16633790**, and the grayscale version is **14737632**.

A 20% lighter version of the original color is **16252927**, and **8893636** is the 20% darker color. If you saturate the color by 10%, you get **10872317**, and if you desaturate by 10%, it is **14152701**.

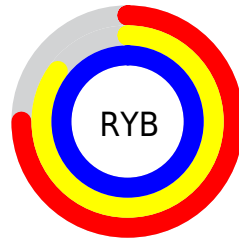
Distribution



Red (75%)

Green (93%)

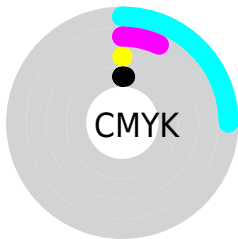
Blue (99%)



Red (75%)

Yellow (85%)

Blue (99%)

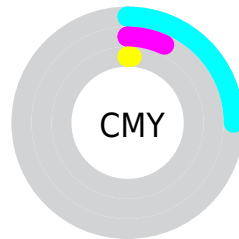


Cyan (25%)

Magenta (7%)

Yellow (0%)

Black (1%)



Cyan (25%)

Magenta (7%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12512509 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 12512509 by changing the saturation by 10% instead.



■ 12512509

■ 12512509

■ 10872317

■ 14152701

■ 9166589

■ 15858429

■ 7526653

16777213

■ 5886461

■ 4246269

■ 2540541

■ 900349

■ 47613

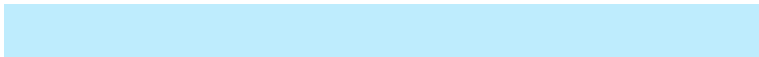
Harmonies

Analogous

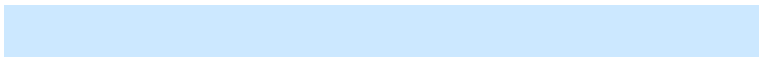
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12316399



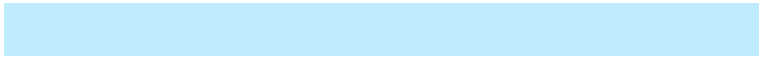
12512509



13428991

Triad

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



12512509



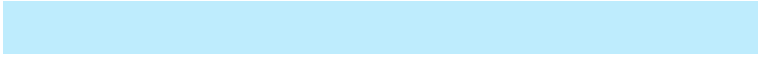
16767723



15132614

Complementary

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



12512509



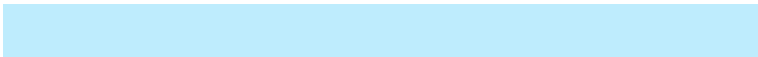
16633790

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.



16245445



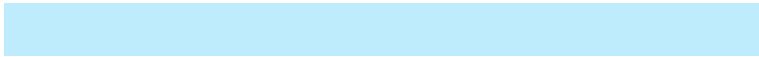
12512509



16767706

Square

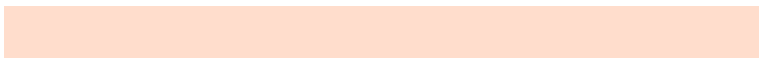
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



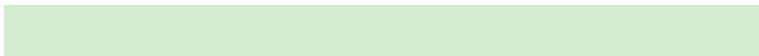
12512509



16113146



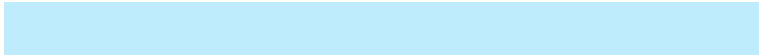
16768460



13888463

Rectangle

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



12512509



14345471



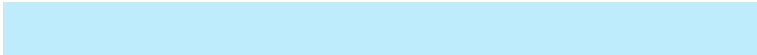
16768460



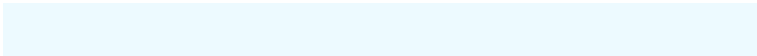
15525316

Sweetspot

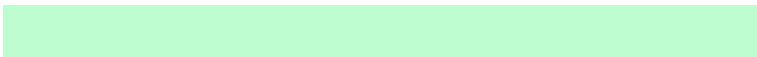
The Sweet Spot groups the original color and five complimentary colors.



12512509



15596287



12516815



7699840



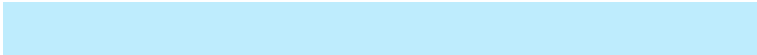
0



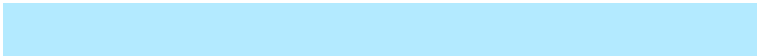
8421504

Same Dimension

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



12512509



11791103



12504573



7568512



36031



12096

Inverse Universe

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



16629484



16757738



16641726



8418172



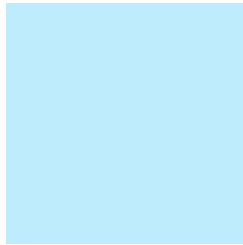
12517516



4194351

Previews

White Background



This preview shows how the Decimal color 12512509 looks on a white background.

Color Contrast Check

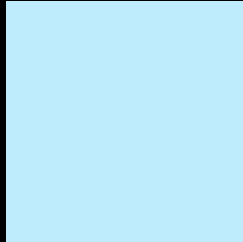
Large Text (above 18pt) WCAG AA × Fail

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 12512509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

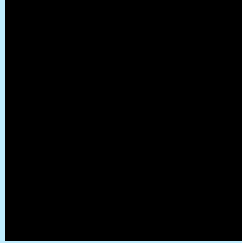
Any Text WCAG AA ✓ Pass

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 12512509 Background



This preview shows how black text looks on a background with the Decimal color 12512509.

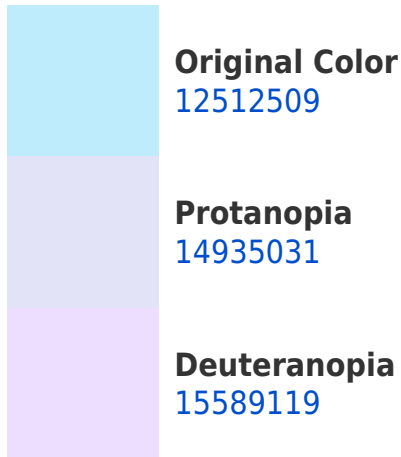



This preview shows how white text looks on a background with the Decimal color 12512509.

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](#).

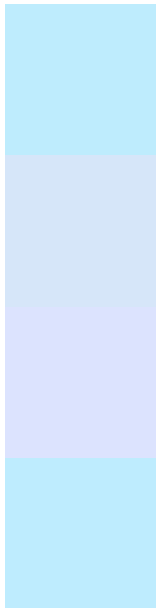
Dichromacy





Tritanopia
12512511

Trichromacy



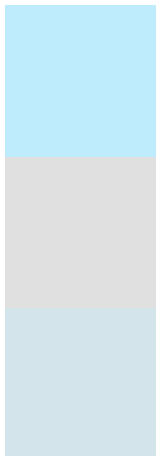
Original Color
12512509

Protanomaly
14083833

Deuteranomaly
14476286

Tritanomaly
12512510

Monochromacy



Original Color
12512509

Achromatopsia
14737632

Achromatomaly
13952235

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12512509 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 #BEECFD looks like.

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

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 #BEECFD colored shadow looks like.

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

Border

The CSS property to change the border of an element to Decimal 12512509 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
#BEECFD }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to Decimal 12512509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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