

Converting Colors

HunterLab(63.1481, -30.3204,
-30.0757)

Have a look what the booklet for
HunterLab(63.1481, -30.3204,
-30.0757) contains.

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Color

**HunterLab(64.7621,
-24.9609, -27.0635)**

Conversions

Conversions Part 1

Format	Color
Hex	00BDE3
RGB	0, 189, 227
RGB Percent	0%, 74%, 89%
CMY	0.9998, 0.2588, 0.1098
CMYK	1.00, 0.17, 0.00, 0.11
HSL	190°, 100%, 45%
HSV	190°, 100%, 89%
XYZ	32.0628, 41.9413, 79.0788
YIQ	136.8210, -124.8420, -28.2500

Conversions

Conversions Part 2

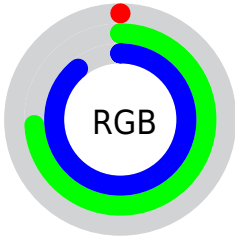
Format	Color
RYB	0, 103, 227
Decimal	48611
CIELab	70.83, -26.21, -30.07
CIELCh	71, 39.884, 228.925
Yxy	41.9428, 0.2095, 0.2740
Android (android.graphics.Color)	4278238691 (0xFF00BDE3)
YUV	136.8210, 44.4582, -119.9920
Hunter-Lab	64.7621, -24.9609, -27.0635

Details

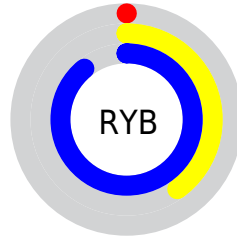
The HunterLab color **64.7621, -24.9609, -27.0635** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **42.0966, 63.6060, 27.0508**, and the grayscale version is **49.8170, -2.6581, 2.7067**.

A 20% lighter version of the original color is **87.3611, -36.0287, -11.0073**, and **45.0202, -15.2892, -23.2665** is the 20% darker color. If you saturate the color by 10%, you get **64.7596, -24.9573, -27.0683**, and if you desaturate by 10%, it is **66.1653, -26.1156, -24.8088**.

Distribution



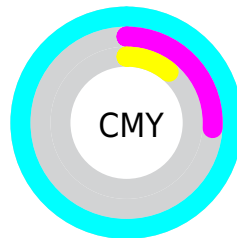
- Red (0%)
- Green (74%)
- Blue (89%)



- Red (0%)
- Yellow (40%)
- Blue (89%)



- Cyan (100%)
- Magenta (17%)
- Yellow (0%)
- Black (11%)



- Cyan (100%)
- Magenta (26%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.7621, -24.9609, -27.0635 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 HunterLab color 64.7621, -24.9609, -27.0635 by changing the saturation by 10% instead.

64.7621, -24.9609,
-27.0635

64.7621, -24.9609,
-27.0635

188.2141,
-41.8694, -29.3641

53.9041, -22.9166,
-26.5460

88.3816, -28.8914,
-27.9390

43.7305, -20.7976,
-25.9870

101.0771,
-30.8011, -28.2957

34.2923, -18.5772,
-25.4053

114.3282,
-32.6844, -28.5986

25.6519, -16.2146,
-24.8468

128.1126,
-34.5469, -28.8492

17.8913, -13.6424,
-24.4256

142.4104,
-36.3932, -29.0492

11.1245, -11.4451,
-24.4696

157.2037,

3.0339, -5.3093,

-38.2272, -29.2005

-52.7433

172.4765,
-40.0518, -29.3048

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.7621, -24.9609,
-27.0635

■ 64.7621, -24.9609,
-27.0635

■ 64.7596, -24.9573,
-27.0683

■ 66.1653, -26.1156,
-24.8088

■ 67.7256, -26.6826,
-22.3570

■ 69.4819, -26.5175,
-19.6637

■ 71.4471, -25.5786,
-16.7305

■ 73.6269, -23.8585,

-13.5717

■ 76.0218, -21.3750,
-10.2089

■ 78.6286, -18.1634,
-6.6674

■ 81.4414, -14.2710,
-2.9733

■ 84.4526, -9.7518,
0.8478

Harmonies

Analogous

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



64.7632, -33.4499, -8.2757



64.7621, -24.9609, -27.0635



64.7632, -10.0694, -38.5883

Triad

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



64.7632, -24.9606, -27.0624



64.7632, 34.7442, -3.2276



64.7632, -14.4626, 27.8374

Complementary

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



64.7621, -24.9609, -27.0635



42.0966, 63.6060, 27.0508

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.



64.7632, 3.4275, 28.4915



64.7621, -24.9609, -27.0635



64.7632, 33.2307, 13.4534

Square

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



64.7632, -24.9606, -27.0624



64.7632, 25.2054, -22.4972



64.7632, 21.2744, 23.9949



64.7632, -27.8691, 21.8615

Rectangle

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



64.7621, -24.9609, -27.0635



64.7632, 2.0812, -38.9351



64.7632, 21.2744, 23.9949



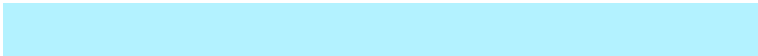
64.7632, -8.8192, 28.6100

Sweetspot

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



64.7632, -24.9606, -27.0624



89.6450, -20.8128, -7.6979



74.2149, -62.9684, 43.1714



40.8775, -10.3904, -4.3645

0.0000, NaN, NaN



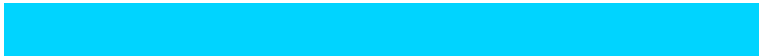
46.2646, -2.4686, 2.5136

Same Dimension

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



64.7632, -24.9606, -27.0624



73.7961, -28.3523, -31.0343



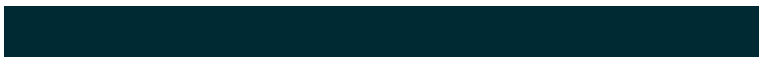
32.6728, 32.5860, -111.1753



39.8798, -4.4797, 0.4932



49.6053, -19.2586, -20.4285



13.8846, -5.7604, -4.9194

Inverse Universe

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



44.7288, 84.8061, -34.7727



51.0184, 96.7175, -39.4886



62.1117, 14.3141, 38.5219



38.1728, 2.8064, -0.6158



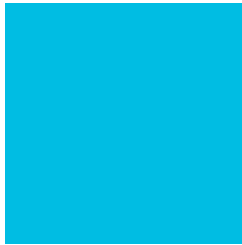
34.1786, 64.8444, -26.8472



9.3504, 17.8360, -8.0915

Previews

White Background



This preview shows how the HunterLab color 64.7621, -24.9609, -27.0635 looks on a white background.

Color Contrast Check

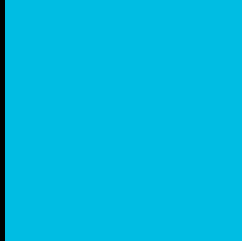
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 64.7621, -24.9609, -27.0635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

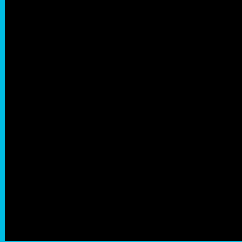
Any Text WCAG AA ✓ Pass

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](#).

HunterLab 64.7621, -24.9609, -27.0635 Background



This preview shows how black text looks on a background with the HunterLab color 64.7621, -24.9609, -27.0635.



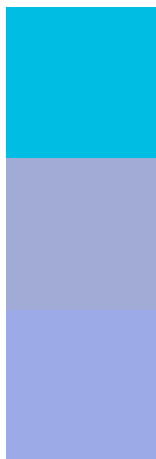
This preview shows how white text looks on a background with the HunterLab color 64.7621, -24.9609, -27.0635.

-24.9609, -27.0635.

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

64.7621, -24.9609, -27.0635

Protanopia

64.2541, 2.6010, -19.0648

Deuteranopia

64.4879, 4.8090, -29.6863



Tritanopia

64.5893, -30.7548, -14.3404

Trichromacy



Original Color

64.7621, -24.9609, -27.0635



Protanomaly

62.8031, -12.9807, -24.7972



Deuteranomaly

63.0952, -10.9735, -31.6611



Tritanomaly

64.5616, -28.5151, -19.1405

Monochromacy



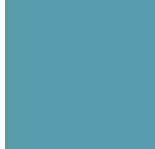
Original Color

64.7621, -24.9609, -27.0635



Achromatopsia

50.0158, -2.6687, 2.7175



Achromatomaly

53.5775, -16.8845, -9.3665

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.7621, -24.9609, -27.0635 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 `rgb(0, 189, 227)` looks like.

```
.text, #text, p{  
  color:rgb(0, 189, 227)  
}
```

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 rgb(0, 189, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 64.7621, -24.9609, -27.0635 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 rgb(0, 189, 227) }
```


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

```
.border{ border-color:rgb(0, 189, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 189, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 189, 227); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 189, 227); box-shadow:4px 4px 4px 4px rgb(0, 189, 227) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.7621, -24.9609, -27.0635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 227) }
```

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

```
.background{ background-color: rgb(0, 189,  
227) }
```

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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