

Converting Colors

HunterLab(69.3340, -36.7585,
-7.3105)

Have a look what the booklet for
HunterLab(69.3340, -36.7585,
-7.3105) contains.

HunterLab(69.3328, -36.7569, -7.3124)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(69.3328,
-36.7569, -7.3124)**

Conversions

Conversions Part 1

Format	Color
Hex	00CDCD
RGB	0, 205, 205
RGB Percent	0%, 80%, 80%
CMY	0.9998, 0.1961, 0.1961
CMYK	1.00, 0.00, 0.00, 0.20
HSL	180°, 100%, 40%
HSV	180°, 100%, 80%
XYZ	32.8507, 48.0704, 65.3047
YIQ	143.7050, -122.1800, -43.4600

Conversions

Conversions Part 2

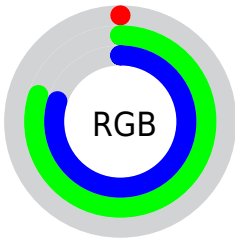
Format	Color
RYB	0, 103, 205
Decimal	52685
CIELab	74.87, -40.79, -11.99
CIELCh	75, 42.513, 196.385
Yxy	48.0722, 0.2247, 0.3287
Android (android.graphics.Color)	4278242765 (0xFF00CDCD)
YUV	143.7050, 30.2184, -126.0293
Hunter-Lab	69.3328, -36.7569, -7.3124

Details

The HunterLab color **69.3328, -36.7569, -7.3124** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **36.0287, 61.6933, 23.2785**, and the grayscale version is **52.6163, -2.8075, 2.8587**.

A 20% lighter version of the original color is **90.4797, -40.2202, -6.9460**, and **49.0378, -25.7835, -5.6338** is the 20% darker color. If you saturate the color by 10%, you get **69.3339, -36.7578, -7.3118**, and if you desaturate by 10%, it is **69.4452, -36.3178, -7.1563**.

Distribution



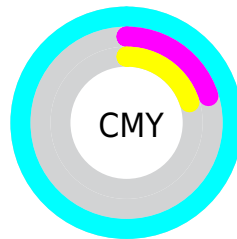
- Red (0%)
- Green (80%)
- Blue (80%)



- Red (0%)
- Yellow (40%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.3328, -36.7569, -7.3124 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 69.3328, -36.7569, -7.3124 by changing the saturation by 10% instead.

69.3328, -36.7569,
-7.3124

69.3328, -36.7569,
-7.3124

194.6993,
-59.5783, -4.4682

58.2100, -33.8776,
-7.3860

93.4408, -42.2155,
-6.9945

47.7541, -30.8630,
-7.3980

106.3636,
-44.8312, -6.7601

38.0121, -27.6731,
-7.3414

119.8327,
-47.3885, -6.4796

29.0410, -24.2486,
-7.2093

133.8267,
-49.8970, -6.1555

20.9135, -20.4961,
-6.9947

148.3266,
-52.3645, -5.7904

13.7286, -16.6264,
-6.6949

163.3155,

7.3429, -12.8501,

-54.7972, -5.3863

-6.9956

178.7777,
-57.2003, -4.9450

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 69.3328, -36.7569,
-7.3124

■ 69.3328, -36.7569,
-7.3124

■ 69.3339, -36.7578,
-7.3118

■ 69.4452, -36.3178,
-7.1563

■ 69.6737, -35.4174,
-6.8381

■ 70.0581, -33.9099,
-6.3052

■ 70.6172, -31.7344,
-5.5358

■ 71.3644, -28.8562,

-4.5173

■ 72.3093, -25.2638,
-3.2451

■ 73.4579, -20.9657,
-1.7217

■ 74.8128, -15.9872,
0.0446

■ 76.3742, -10.3672,
2.0408

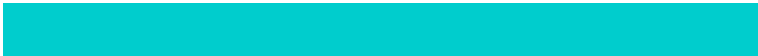
Harmonies

Analogous

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



69.3341, -37.1411, 11.8148



69.3328, -36.7569, -7.3124



69.3341, -28.1961, -28.1278

Triad

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



69.3341, -36.7570, -7.3115



69.3341, 26.2643, -26.3583



69.3341, 5.5453, 30.6686

Complementary

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



69.3328, -36.7569, -7.3124



36.0287, 61.6933, 23.2785

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.



69.3341, 24.7461, 25.3109



69.3328, -36.7569, -7.3124



69.3341, 37.5888, -5.3624

Square

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



69.3341, -36.7570, -7.3115



69.3341, 7.4361, -41.0729



69.3341, 37.0037, 13.2860



69.3341, -14.1809, 30.4203

Rectangle

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



69.3328, -36.7569, -7.3124



69.3341, -18.3894, -38.5999



69.3341, 37.0037, 13.2860



69.3341, 12.3172, 29.5469

Sweetspot

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



69.3341, -36.7570, -7.3115



93.9490, -27.0718, -2.2884



66.0957, -56.5897, 39.7360



43.1620, -13.6546, -1.4593

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.3341, -36.7570, -7.3115



88.7355, -47.0437, -9.3578



38.3458, 8.1582, -65.5359



35.6750, -4.6743, 1.0097



54.7043, -29.0018, -5.7690



12.4251, -6.5872, -1.3103

Inverse Universe

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



36.0287, 61.6933, 23.2785



46.1086, 78.9623, 29.7942



46.8230, 31.0925, 29.3947



33.4868, 1.1650, 2.8087



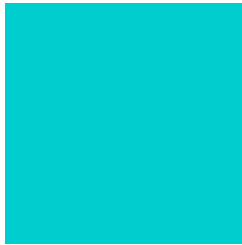
28.4253, 48.6793, 18.3677



6.4563, 11.0566, 4.1718

Previews

White Background



This preview shows how the HunterLab color 69.3328, -36.7569, -7.3124 looks on a white background.

Color Contrast Check

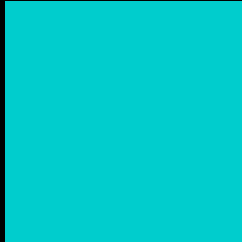
Large Text (above 18pt) WCAG AA × Fail

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 69.3328, -36.7569, -7.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

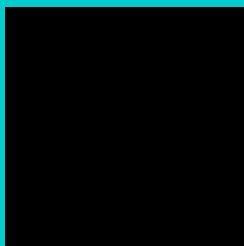
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

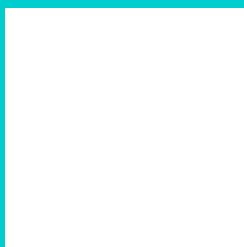
Any Text WCAG AAA ✓ Pass

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

HunterLab 69.3328, -36.7569, -7.3124 Background



This preview shows how black text looks on a background with the HunterLab color 69.3328, -36.7569, -7.3124.



This preview shows how white text looks on a background with the HunterLab color 69.3328,

-36.7569, -7.3124.

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

69.3328, -36.7569, -7.3124

Protanopia

68.8533, -1.5015, -0.0433

Deuteranopia

68.6358, 5.1669, -10.8529



Tritanopia

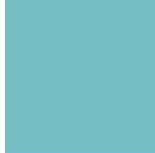
69.4404, -31.7954, -14.9894

Trichromacy



Original Color

69.3328, -36.7569, -7.3124



Protanomaly

66.7790, -21.4015, -5.5935



Deuteranomaly

66.7022, -17.4476, -12.8223



Tritanomaly

69.4514, -33.8797, -12.1079

Monochromacy



Original Color

69.3328, -36.7569, -7.3124



Achromatopsia

52.8104, -2.8178, 2.8693



Achromatomaly

56.8339, -21.1521, -2.9850

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.3328, -36.7569, -7.3124 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, 205, 205)` looks like.

```
.text, #text, p{  
    color:rgb(0, 205, 205)  
}
```

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, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 205, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 69.3328, -36.7569, -7.3124 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, 205, 205) }
```


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

```
.border{ border-color:rgb(0, 205, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 205, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 205, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 205, 205);  
box-shadow:4px 4px 4px 4px rgb(0, 205,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.3328, -36.7569, -7.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 205, 205) }
```

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

```
.background{ background-color: rgb(0, 205,  
205) }
```

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