

Converting Colors

HunterLab(19.8764, 5.3178,
-34.2610)

Have a look what the booklet for
HunterLab(19.8764, 5.3178,
-34.2610) contains.

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Color

**HunterLab(19.9894, 5.0668,
-33.9321)**

Conversions

Conversions Part 1

Format	Color
Hex	0B3771
RGB	11, 55, 113
RGB Percent	4%, 22%, 44%
CMY	0.9568, 0.7843, 0.5569
CMYK	0.90, 0.51, 0.00, 0.56
HSL	214°, 82%, 24%
HSV	214°, 90%, 44%
XYZ	4.4848, 3.9958, 16.1576
YIQ	48.4560, -44.8420, 8.7100

Conversions

Conversions Part 2

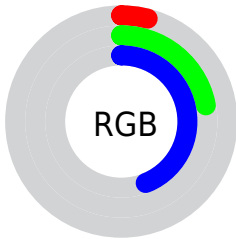
Format	Color
R_{YB}	11, 42, 113
Decimal	735089
CIE _{Lab}	23.66, 9.74, -37.51
CIE _{LCh}	24, 38.754, 284.559
Yxy	3.9959, 0.1820, 0.1622
Android (android.graphics.Color)	4278925169 (0xFF0B3771)
YUV	48.4560, 31.8202, -32.8489
Hunter-Lab	19.9894, 5.0668, -33.9321

Details

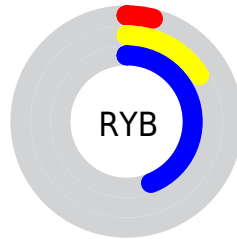
The HunterLab color **19.9894, 5.0668, -33.9321** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **27.9153, 8.6936, 16.6802**, and the grayscale version is **17.2532, -0.9206, 0.9374**.

A 20% lighter version of the original color is **36.8245, 5.4829, -34.5270**, and **7.9568, 9.7853, -31.0690** is the 20% darker color. If you saturate the color by 10%, you get **18.3494, 7.4616, -39.0426**, and if you desaturate by 10%, it is **21.7935, 2.8960, -29.0227**.

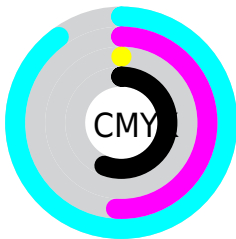
Distribution



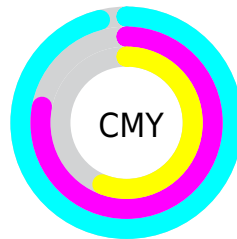
- Red (4%)
- Green (22%)
- Blue (44%)



- Red (4%)
- Yellow (16%)
- Blue (44%)



- Cyan (90%)
- Magenta (51%)
- Yellow (0%)
- Black (56%)



- Cyan (96%)
- Magenta (78%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9894, 5.0668, -33.9321 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 19.9894, 5.0668, -33.9321 by changing the saturation by 10% instead.

■ 19.9894, 5.0668,
-33.9321

■ 19.9894, 5.0668,
-33.9321

■ 118.1710, 4.3565,
-38.7734

■ 12.9277, 4.7157,
-34.4298

■ 36.8819, 5.4147,
-34.6952

■ 6.3635, 6.3310,
-41.7095

■ 46.5337, 5.4513,
-35.3207

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 56.9056, 5.4138,
-35.9716

0.0000, NaN, NaN

■ 67.9509, 5.3107,
-36.6102

0.0000, NaN, NaN

■ 79.6306, 5.1486,
-37.2173

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.9120, 4.9328,

-37.7830

0.0000, NaN, NaN

104.7670, 4.6676,
-38.3024

19.9894, 5.0668,
-33.9321

19.9894, 5.0668,
-33.9321

18.3494, 7.4616,
-39.0426

21.7935, 2.8960,
-29.0227

23.7533, 1.1591,
-24.3387

25.8515, -0.1767,
-19.9042

28.0718, -1.1558,
-15.7193

30.3997, -1.8245,
-11.7698

■ 32.8229, -2.2255,
-8.0342

■ 35.3310, -2.3968,
-4.4884

■ 37.9152, -2.3709,
-1.1086

■ 40.5680, -2.1753,
2.1270

Harmonies

Analogous

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



19.9897, -6.8459, -33.7222



19.9894, 5.0668, -33.9321



19.9897, 17.8279, -21.7109

Triad

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



19.9897, 5.0674, -33.9316



19.9897, 18.1661, 11.1731



19.9897, -18.7968, 6.0930

Complementary

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



19.9894, 5.0668, -33.9321



27.9153, 8.6936, 16.6802

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.



19.9897, -14.8142, 11.2606



19.9894, 5.0668, -33.9321



19.9897, 5.4520, 13.2808

Square

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



19.9897, 5.0674, -33.9316



19.9897, 26.5158, 5.8554



19.9897, -6.5419, 13.3128



19.9897, -18.8529, -5.2509

Rectangle

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



19.9894, 5.0668, -33.9321



19.9897, 24.3177, -10.8195



19.9897, -6.5419, 13.3128



19.9897, -17.9240, 8.4055

Sweetspot

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



19.9897, 5.0674, -33.9316



44.7622, -3.0633, -9.5265



35.0839, -25.2151, 11.7158



21.1251, -1.4325, -5.1660



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



19.9897, 5.0674, -33.9316



24.0377, 11.0952, -53.9964



12.4846, 25.9972, -66.0454



18.7486, -1.1545, -0.3396



19.4448, 8.1561, -41.9111



41.4567, 22.4661, -100.3152

Inverse Universe

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



20.0653, 32.6681, 2.2560



25.7960, 45.6022, 5.6171



38.6147, -12.4127, 23.0902



18.5018, 0.7971, 0.6562



20.5609, 36.4036, 4.0430



45.7086, 80.5851, 11.6462

Previews

White Background



This preview shows how the HunterLab color 19.9894, 5.0668, -33.9321 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



This preview shows how the HunterLab color 19.9894, 5.0668, -33.9321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

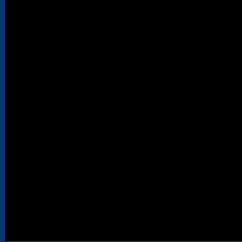
Any Text WCAG AA × Fail

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](#).

HunterLab 19.9894, 5.0668, -33.9321 Background



This preview shows how black text looks on a background with the HunterLab color 19.9894, 5.0668, -33.9321.



This preview shows how white text looks on a background with the HunterLab color 19.9894, 5.0668, -33.9321.

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

19.9894, 5.0668, -33.9321

Protanopia

20.1326, 5.5194, -33.5064

Deuteranopia

19.9141, -0.2323, -24.3893



Tritanopia

19.9004, -9.7947, -3.7298

Trichromacy



Original Color

19.9894, 5.0668, -33.9321

Protanomaly

20.0654, 5.3071, -33.7058

Deuteranomaly

19.9298, 1.5127, -27.4517

Tritanomaly

19.7424, -5.0183, -13.1119

Monochromacy



Original Color

19.9894, 5.0668, -33.9321

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.8686, -0.8350, -9.3471

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9894, 5.0668, -33.9321 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(11, 55, 113)` looks like.

```
.text, #text, p{  
    color:rgb(11, 55, 113)  
}
```

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(11, 55, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 55, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9894, 5.0668, -33.9321 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(11, 55, 113) }
```


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

```
.border{ border-color:rgb(11, 55, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(11, 55, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 55, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 55, 113);  
box-shadow:4px 4px 4px 4px rgb(11, 55,  
113) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.9894, 5.0668, -33.9321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 55, 113) }
```

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

```
.background{ background-color: rgb(11, 55,  
113) }
```

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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