

Converting Colors

HunterLab(20.0181, 4.8073,
-35.3984)

Have a look what the booklet for
HunterLab(20.0181, 4.8073,
-35.3984) contains.

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Color

**HunterLab(19.9253, 5.0917,
-35.8964)**

Conversions

Conversions Part 1

Format	Color
Hex	003773
RGB	0, 55, 115
RGB Percent	0%, 22%, 45%
CMY	0.9999, 0.7843, 0.5490
CMYK	1.00, 0.52, 0.00, 0.55
HSL	211°, 100%, 23%
HSV	211°, 100%, 45%
XYZ	4.4607, 3.9702, 16.7509
YIQ	45.3950, -52.0400, 7.0000

Conversions

Conversions Part 2

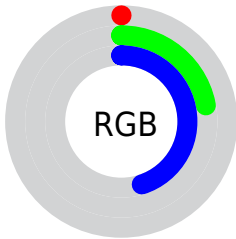
Format	Color
RYB	0, 37, 115
Decimal	14195
CIELab	23.57, 9.78, -38.94
CIELCh	24, 40.147, 284.104
Yxy	3.9703, 0.1771, 0.1577
Android (android.graphics.Color)	4278204275 (0xFF003773)
YUV	45.3950, 34.3153, -39.8114
Hunter-Lab	19.9253, 5.0917, -35.8964

Details

The HunterLab color **19.9253, 5.0917, -35.8964** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **26.2260, 13.2297, 16.3911**, and the grayscale version is **16.2334, -0.8662, 0.8820**.

A 20% lighter version of the original color is **36.7590, 5.5686, -37.0044**, and **8.1012, 10.3871, -32.5486** is the 20% darker color. If you saturate the color by 10%, you get **19.9237, 5.0950, -35.9015**, and if you desaturate by 10%, it is **21.5640, 2.8915, -31.2577**.

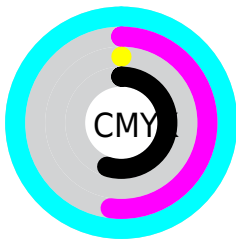
Distribution



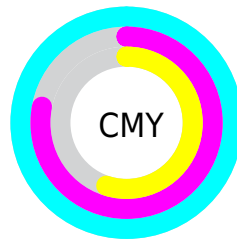
- Red (0%)
- Green (22%)
- Blue (45%)



- Red (0%)
- Yellow (15%)
- Blue (45%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (78%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.9253, 5.0917, -35.8964 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 19.9253, 5.0917, -35.8964 by changing the saturation by 10% instead.

■ 19.9253, 5.0917,
-35.8964

■ 19.9253, 5.0917,
-35.8964

■ 118.0550, 4.4052,
-40.7720

■ 12.8723, 4.7366,
-36.5754

■ 36.8033, 5.4464,
-36.5541

■ 6.2893, 6.4423,
-44.8642

■ 46.4487, 5.4860,
-37.1755

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 56.8148, 5.4511,
-37.8367

0.0000, NaN, NaN

■ 67.8544, 5.3506,
-38.4942

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 79.5289, 5.1909,
-39.1256

0.0000, NaN, NaN

■ 91.8054, 4.9774,

-39.7193

0.0000, NaN, NaN

104.6556, 4.7143,
-40.2691

19.9253, 5.0917,
-35.8964

19.9253, 5.0917,
-35.8964

19.9237, 5.0950,
-35.9015

21.5640, 2.8915,
-31.2577

23.3123, 0.9753,
-26.8697

25.2033, -0.5210,
-22.6355

27.2238, -1.6260,
-18.5779

29.3605, -2.3790,
-14.7036

■ 31.6013, -2.8210,
-11.0081

■ 33.9353, -2.9917,
-7.4799

■ 36.3531, -2.9265,
-4.1042

■ 38.8465, -2.6566,
-0.8651

Harmonies

Analogous

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



19.9256, -7.1896, -35.4438



19.9253, 5.0917, -35.8964



19.9256, 18.4181, -23.0803

Triad

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



19.9256, 5.0924, -35.8959



19.9256, 19.1363, 11.3054



19.9256, -19.2168, 6.3554

Complementary

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



19.9253, 5.0917, -35.8964



26.2260, 13.2297, 16.3911

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.



19.9256, -15.1042, 11.4901



19.9253, 5.0917, -35.8964



19.9256, 5.9041, 13.5253

Square

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



19.9256, 5.0924, -35.8959



19.9256, 27.7727, 5.8624



19.9256, -6.5537, 13.5929



19.9256, -19.3322, -5.2799

Rectangle

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



19.9253, 5.0917, -35.8964



19.9256, 25.2762, -11.5991



19.9256, -6.5537, 13.5929



19.9256, -18.3117, 8.6714

Sweetspot

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



19.9256, 5.0924, -35.8959



45.1569, -3.9973, -10.3793



35.4708, -27.1932, 14.3681



21.5409, -1.9291, -5.8319



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



19.9256, 5.0924, -35.8959



26.1614, 7.8135, -49.5667



11.1828, 30.2129, -78.5757



19.6264, -1.3166, -0.2857



21.2016, 5.6472, -38.6908



44.9549, 16.2133, -91.1894

Inverse Universe

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



19.8015, 35.2999, 1.9971



26.4461, 47.0562, 3.3958



39.7213, -11.3099, 24.2775



19.3063, 0.8863, 0.5830



21.1607, 37.7077, 2.2836



46.5291, 82.5709, 7.6751

Previews

White Background



This preview shows how the HunterLab color 19.9253, 5.0917, -35.8964 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 19.9253, 5.0917, -35.8964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

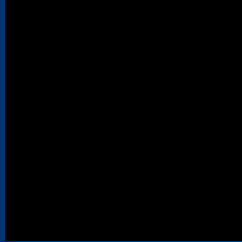
Any Text WCAG AA × Fail

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 19.9253, 5.0917, -35.8964 Background



This preview shows how black text looks on a background with the HunterLab color 19.9253, 5.0917, -35.8964.



This preview shows how white text looks on a background with the HunterLab color 19.9253, 5.0917, -35.8964.

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

19.9253, 5.0917, -35.8964

Protanopia

20.1582, 5.8260, -35.1823

Deuteranopia

19.9141, -0.2323, -24.3893



Tritanopia

19.9004, -9.7947, -3.7298

Trichromacy



Original Color

19.9253, 5.0917, -35.8964

Protanomaly

20.0705, 5.5504, -35.4497

Deuteranomaly

19.9170, 1.5735, -28.2911

Tritanomaly

19.6769, -5.2597, -13.2403

Monochromacy



Original Color

19.9253, 5.0917, -35.8964

Achromatopsia

16.1991, -0.8643, 0.8801

Achromatomaly

17.0295, -1.3906, -9.7045

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.9253, 5.0917, -35.8964 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, 55, 115)` looks like.

```
.text, #text, p{  
    color:rgb(0, 55, 115)  
}
```

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, 55, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 55, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 19.9253, 5.0917, -35.8964 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, 55, 115) }
```


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

```
.border{ border-color:rgb(0, 55, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 55, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 55, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 55, 115);  
box-shadow:4px 4px 4px 4px rgb(0, 55, 115)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.9253, 5.0917, -35.8964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 55, 115) }
```

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

```
.background{ background-color: rgb(0, 55,  
115) }
```

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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