

Converting Colors

HunterLab(21.0962, 1.7824,
-30.2160)

Have a look what the booklet for
HunterLab(21.0962, 1.7824,
-30.2160) contains.

HunterLab(20.9799, 1.9162, -30.3597)	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>	30

Color

**HunterLab(20.9799, 1.9162,
-30.3597)**

Conversions

Conversions Part 1

Format	Color
Hex	003C70
RGB	0, 60, 112
RGB Percent	0%, 24%, 44%
CMY	1.0000, 0.7647, 0.5608
CMYK	1.00, 0.46, 0.00, 0.56
HSL	208°, 100%, 22%
HSV	208°, 100%, 44%
XYZ	4.5405, 4.4016, 15.9395
YIQ	47.9880, -52.4520, 3.4520

Conversions

Conversions Part 2

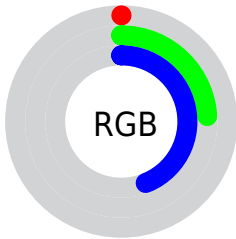
Format	Color
RYB	0, 39, 112
Decimal	15472
CIELab	24.96, 4.89, -34.79
CIElCh	25, 35.132, 277.993
Yxy	4.4017, 0.1825, 0.1769
Android (android.graphics.Color)	4278205552 (0xFF003C70)
YUV	47.9880, 31.5579, -42.0855
Hunter-Lab	20.9799, 1.9162, -30.3597

Details

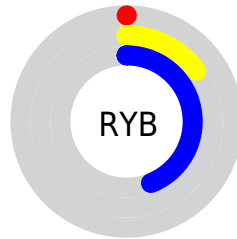
The HunterLab color **20.9799, 1.9162, -30.3597** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **24.2936, 15.6108, 15.2421**, and the grayscale version is **17.1003, -0.9124, 0.9291**.

A 20% lighter version of the original color is **38.1252, 1.4362, -31.1018**, and **8.9598, 7.0661, -26.4527** is the 20% darker color. If you saturate the color by 10%, you get **20.9787, 1.9186, -30.3632**, and if you desaturate by 10%, it is **22.4637, 0.1598, -26.6150**.

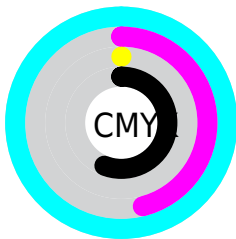
Distribution



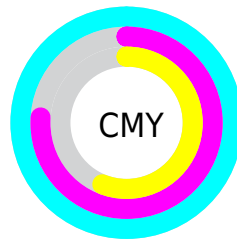
- Red (0%)
- Green (24%)
- Blue (44%)



- Red (0%)
- Yellow (15%)
- Blue (44%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (76%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.9799, 1.9162, -30.3597 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 20.9799, 1.9162, -30.3597 by changing the saturation by 10% instead.

■ 20.9799, 1.9162,
-30.3597

■ 20.9799, 1.9162,
-30.3597

■ 119.9520, -1.0773,
-35.0657

■ 13.7866, 1.9277,
-30.4630

■ 38.0935, 1.6376,
-31.3251

■ 7.4081, 2.4777,
-33.6765

■ 47.8419, 1.3964,
-31.9486

0.0000, NaN, -NF

■ 58.3038, 1.0986,
-32.5692

0.0000, NaN, -NF

■ 69.4335, 0.7499,
-33.1607

0.0000, NaN, NaN

■ 81.1932, 0.3548,
-33.7106

0.0000, NaN, NaN

■ 93.5506, -0.0833,

0.0000, NaN, NaN

0.0000, NaN, NaN

-34.2127

0.0000, NaN, NaN

106.4783, -0.5615,
-34.6646

20.9799, 1.9162,
-30.3597

20.9799, 1.9162,
-30.3597

20.9787, 1.9186,
-30.3632

22.4637, 0.1598,
-26.6150

24.0330, -1.3561,
-23.0325

25.7247, -2.4919,
-19.5231

27.5300, -3.2684,
-16.1073

29.4398, -3.7158,
-12.7967

■ 31.4447, -3.8678,
-9.5956

■ 33.5361, -3.7575,
-6.5024

■ 35.7062, -3.4158,
-3.5121

■ 37.9480, -2.8708,
-0.6174

Harmonies

Analogous

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



20.9802, -8.5046, -27.5743



20.9799, 1.9162, -30.3597



20.9802, 13.6283, -21.8520

Triad

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



20.9802, 1.9168, -30.3592



20.9802, 18.3906, 10.1638



20.9802, -17.4112, 7.3926

Complementary

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



20.9799, 1.9162, -30.3597



24.2936, 15.6108, 15.2421

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.



20.9802, -12.6646, 11.6433



20.9799, 1.9162, -30.3597



20.9802, 7.4511, 12.6200

Square

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



20.9802, 1.9168, -30.3592



20.9802, 24.3432, 3.7629



20.9802, -3.9944, 13.0584



20.9802, -18.2899, -1.8678

Rectangle

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



20.9799, 1.9162, -30.3597



20.9802, 20.1115, -12.6462



20.9802, -3.9944, 13.0584



20.9802, -16.2708, 9.2795

Sweetspot

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



20.9802, 1.9168, -30.3592



44.2248, -5.0036, -8.9399



34.3836, -27.0557, 15.4302



21.2287, -2.4894, -5.0320



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.



20.9802, 1.9168, -30.3592



27.3568, 3.3607, -41.4485



11.3655, 27.0021, -72.4920



18.8910, -1.3891, -0.1664



22.4539, 2.2483, -32.9189



48.3475, 8.2886, -78.3228

Inverse Universe

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



19.4197, 34.9335, -0.4740



25.6897, 46.1277, 0.0635



37.1963, -8.0945, 22.7780



18.5164, 0.8757, 0.4480



20.8681, 37.5220, -0.3502



46.3869, 83.0597, 1.9068

Previews

White Background



This preview shows how the HunterLab color 20.9799, 1.9162, -30.3597 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 20.9799, 1.9162, -30.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

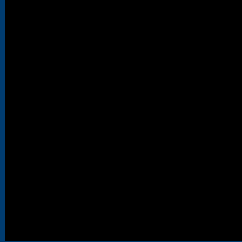
Any Text WCAG AA × Fail

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 20.9799, 1.9162, -30.3597 Background



This preview shows how black text looks on a background with the HunterLab color 20.9799, 1.9162, -30.3597.



This preview shows how white text looks on a background with the HunterLab color 20.9799, 1.9162, -30.3597.

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

20.9799, 1.9162, -30.3597

Protanopia

21.1547, 4.7863, -28.2255

Deuteranopia

20.9739, 0.0836, -26.3958

Trichromacy



Original Color

20.9799, 1.9162, -30.3597

Protanomaly

21.0596, 3.3427, -29.3045

Deuteranomaly

21.0751, 0.6313, -27.7049

Monochromacy



Original Color

20.9799, 1.9162, -30.3597

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.8948, -2.0851, -8.7610

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.9799, 1.9162, -30.3597 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, 60, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 60, 112)  
}
```

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, 60, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 60, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 20.9799, 1.9162, -30.3597 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, 60, 112) }
```

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

```
.border{ border-color:rgb(0, 60, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 60, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 60, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 60, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 60, 112)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 20.9799, 1.9162, -30.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 60, 112) }
```

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

```
.background{ background-color: rgb(0, 60,  
112) }
```

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