

Converting Colors

HunterLab(11.3534, 21.1136,
-59.7014)

Have a look what the booklet for
HunterLab(11.3534, 21.1136,
-59.7014) contains.

HunterLab(11.3725, 20.9888, -59.5234)	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(11.3725, 20.9888,
-59.5234)**

Conversions

Conversions Part 1

Format	Color
Hex	000E67
RGB	0, 14, 103
RGB Percent	0%, 5%, 40%
CMY	1.0000, 0.9451, 0.5961
CMYK	1.00, 0.86, 0.00, 0.60
HSL	232°, 100%, 20%
HSV	232°, 100%, 40%
XYZ	2.6052, 1.2933, 12.9442
YIQ	19.9600, -36.9130, 24.7110

Conversions

Conversions Part 2

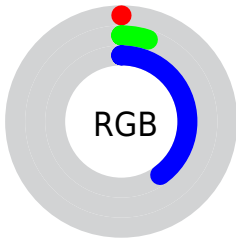
Format	Color
RYB	0, 12, 103
Decimal	3687
CIELab	11.23, 33.39, -51.39
CIELCh	11, 61.290, 303.012
Yxy	1.2933, 0.1547, 0.0768
Android (android.graphics.Color)	4278193767 (0xFF000E67)
YUV	19.9600, 40.9387, -17.5049
Hunter-Lab	11.3725, 20.9888, -59.5234

Details

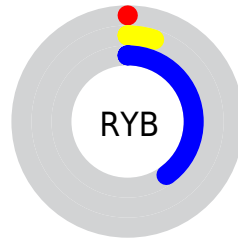
The HunterLab color **11.3725, 20.9888, -59.5234** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **31.6710, -3.7581, 19.4492**, and the grayscale version is **8.2435, -0.4399, 0.4479**.

A 20% lighter version of the original color is **26.0200, 23.7655, -54.2118**, and **6.1228, 10.2793, -29.8430** is the 20% darker color. If you saturate the color by 10%, you get **11.3712, 20.9937, -59.5323**, and if you desaturate by 10%, it is **12.8630, 17.4780, -50.9147**.

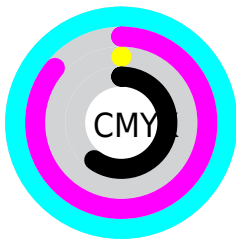
Distribution



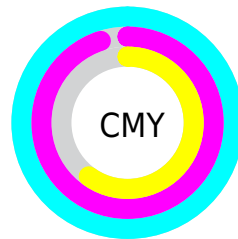
- Red (0%)
- Green (5%)
- Blue (40%)



- Red (0%)
- Yellow (5%)
- Blue (40%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (60%)



- Cyan (100%)
- Magenta (95%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.3725, 20.9888, -59.5234 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 11.3725, 20.9888, -59.5234 by changing the saturation by 10% instead.

■ 11.3725, 20.9888,
-59.5234

■ 11.3725, 20.9888,
-59.5234

■ 101.5932, 31.0518,
-58.3017

■ 3.6884, 39.4561,
-114.1198

■ 25.9791, 24.0532,
-54.6023

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 34.6526, 25.4015,
-54.4402

0.0000, NaN, -NF

■ 44.1211, 26.6164,
-54.7689

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.3228, 27.7081,
-55.3421

0.0000, NaN, NaN

■ 65.2084, 28.6878,
-56.0362


0.0000, NaN, NaN


■ 76.7372, 29.5658,


0.0000, NaN, NaN


-56.7840


 88.8752, 30.3512,
-57.5468


 11.3725, 20.9888,
-59.5234


 11.3725, 20.9888,
-59.5234


 11.3712, 20.9937,
-59.5323

 12.8630, 17.4780,
-50.9147

 14.6859, 13.9282,
-42.5122

 16.8358, 10.7542,
-34.6273

 19.2415, 8.0240,
-27.5429

 21.8484, 5.7020,
-21.2595

■ 24.6167, 3.7211,
-15.6722

■ 27.5178, 2.0148,
-10.6561

■ 30.5306, 0.5266,
-6.0975

■ 33.6392, -0.7887,
-1.9022

Harmonies

Analogous

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



11.3725, 1.0247, -81.8005



11.3725, 20.9888, -59.5234



11.3725, 40.8066, -21.6878

Triad

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



11.3725, 20.9903, -59.5235



11.3725, 16.6177, 7.9608



11.3725, -19.9019, -0.9977

Complementary

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



11.3725, 20.9888, -59.5234



31.6710, -3.7581, 19.4492

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.



11.3725, -19.9019, 7.9608



11.3725, 20.9888, -59.5234



11.3725, -2.1524, 7.9608

Square

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



11.3725, 20.9903, -59.5235



11.3725, 37.4600, 7.9608



11.3725, -14.1511, 7.9608



11.3725, -19.9019, -28.8308

Rectangle

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



11.3725, 20.9888, -59.5234



11.3725, 47.6337, -3.4646



11.3725, -14.1511, 7.9608



11.3725, -19.9019, 3.6222

Sweetspot

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



11.3725, 20.9903, -59.5235



36.4706, 2.8866, -14.8302



32.2455, -19.9314, 2.7232



17.4135, 1.7625, -8.3260



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



11.3725, 20.9903, -59.5235



14.8246, 29.5148, -82.2436



11.6430, 28.3445, -57.6741



16.7873, -0.4554, -0.7253



12.6113, 24.0630, -67.7080



27.4007, 60.2252, -164.2574

Inverse Universe

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



17.0748, 29.4233, 9.5942



22.8215, 39.2789, 13.2236



33.0033, -19.0204, 20.0029



16.8877, 0.4990, 1.1237



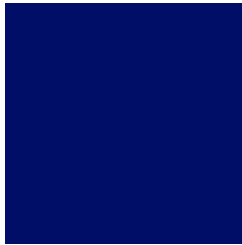
19.1418, 32.9699, 10.9039



43.6243, 74.9583, 26.2478

Previews

White Background



This preview shows how the HunterLab color 11.3725, 20.9888, -59.5234 looks on a white background.

Color Contrast Check

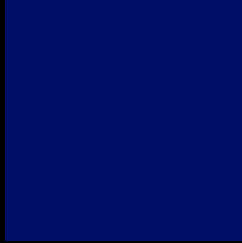
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.3725, 20.9888, -59.5234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

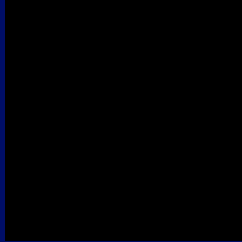
Any Text WCAG AA × Fail

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 11.3725, 20.9888, -59.5234 Background



This preview shows how black text looks on a background with the HunterLab color 11.3725, 20.9888, -59.5234.



This preview shows how white text looks on a background with the HunterLab color 11.3725, 20.9888, -59.5234.

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

11.3725, 20.9888, -59.5234

Protanopia

11.9431, 1.5167, -18.2019

Deuteranopia

11.9565, -1.7275, -11.2155



Tritanopia

11.8393, -5.9325, -1.9916

Trichromacy



Original Color

11.3725, 20.9888, -59.5234

Protanomaly

11.2240, 8.3309, -32.0130

Deuteranomaly

11.2468, 5.6252, -26.2007

Tritanomaly

10.8550, 2.1303, -18.1666

Monochromacy



Original Color

11.3725, 20.9888, -59.5234

Achromatopsia

8.3639, -0.4463, 0.4544

Achromatomaly

8.6514, 4.6262, -15.2684

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.3725, 20.9888, -59.5234 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, 14, 103)` looks like.

```
.text, #text, p{  
    color:rgb(0, 14, 103)  
}
```

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, 14, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 14, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 11.3725, 20.9888, -59.5234 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, 14, 103) }
```


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

```
.border{ border-color:rgb(0, 14, 103) }
```

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

Here you see how a box with a 4 pixel rgb(0, 14, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 14, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 14, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 14, 103)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 11.3725, 20.9888, -59.5234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 14, 103) }
```

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

```
.background{ background-color: rgb(0, 14,  
103) }
```

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