

Converting Colors

HunterLab(12.3643, 18.5402,
-68.2718)

Have a look what the booklet for
HunterLab(12.3643, 18.5402,
-68.2718) contains.

HunterLab(13.5192, 20.4890, -61.1278)	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(13.5192, 20.4890,
-61.1278)**

Conversions

Conversions Part 1

Format	Color
Hex	001772
RGB	0, 23, 114
RGB Percent	0%, 9%, 45%
CMY	1.0000, 0.9098, 0.5529
CMYK	1.00, 0.80, 0.00, 0.55
HSL	228°, 100%, 22%
HSV	228°, 100%, 45%
XYZ	3.3436, 1.8277, 16.0961
YIQ	26.4970, -42.9190, 23.4250

Conversions

Conversions Part 2

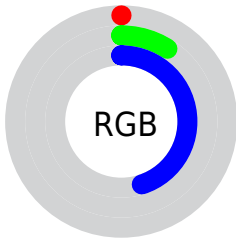
Format	Color
RYB	0, 19, 114
Decimal	6002
CIELab	14.56, 32.13, -53.07
CIELCh	15, 62.036, 301.191
Yxy	1.8277, 0.1572, 0.0859
Android (android.graphics.Color)	4278196082 (0xFF001772)
YUV	26.4970, 43.1390, -23.2379
Hunter-Lab	13.5192, 20.4890, -61.1278

Details

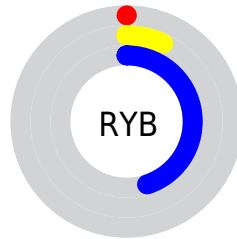
The HunterLab color **13.5192, 20.4890, -61.1278** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **33.2597, -0.8766, 20.4785**, and the grayscale version is **10.1979, -0.5441, 0.5541**.

A 20% lighter version of the original color is **28.8100, 23.2119, -57.0785**, and **6.1778, 16.7573, -43.8960** is the 20% darker color. If you saturate the color by 10%, you get **13.5175, 20.4946, -61.1378**, and if you desaturate by 10%, it is **15.2554, 16.5957, -52.1804**.

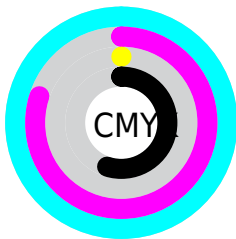
Distribution



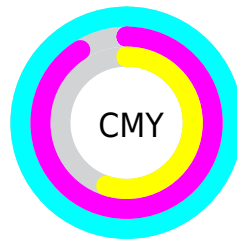
- Red (0%)
- Green (9%)
- Blue (45%)



- Red (0%)
- Yellow (7%)
- Blue (45%)



- Cyan (100%)
- Magenta (80%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (91%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.5192, 20.4890, -61.1278 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 13.5192, 20.4890, -61.1278 by changing the saturation by 10% instead.

■ 13.5192, 20.4890,
-61.1278

■ 13.5192, 20.4890,
-61.1278

■ 105.9486, 29.7856,
-61.1351

■ 7.1018, 21.2035,
-73.8157

■ 28.7719, 23.3935,
-57.2058

0.0000, INF, -NF

0.0000, NaN, -NF

■ 37.7178, 24.6429,
-57.1463

0.0000, NaN, -NF

■ 47.4364, 25.7619,
-57.5224

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.8706, 26.7624,
-58.1209

0.0000, NaN, NaN

■ 68.9743, 27.6556,
-58.8315

0.0000, NaN, NaN

■ 80.7093, 28.4517,

0.0000, NaN, NaN

-59.5923

93.0433, 29.1592,
-60.3675

13.5192, 20.4890,
-61.1278

13.5192, 20.4890,
-61.1278

13.5175, 20.4946,
-61.1378

15.2554, 16.5957,
-52.1804

17.3050, 12.8968,
-43.6543

19.6614, 9.6926,
-35.7215

22.2627, 6.9935,
-28.5564

25.0611, 4.7408,
-22.1373

■ 28.0207, 2.8592,
-16.3686

■ 31.1146, 1.2784,
-11.1404

■ 34.3228, -0.0603,
-6.3514

■ 37.6300, -1.2040,
-1.9166

Harmonies

Analogous

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



13.5193, -0.0419, -80.6199



13.5192, 20.4890, -61.1278



13.5193, 41.0106, -24.1473

Triad

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



13.5193, 20.4905, -61.1277



13.5193, 18.7098, 9.4635



13.5193, -23.4273, 0.0794

Complementary

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



13.5192, 20.4890, -61.1278



33.2597, -0.8766, 20.4785

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.



13.5193, -20.9568, 9.4635



13.5192, 20.4890, -61.1278



13.5193, -1.3890, 9.4635

Square

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



13.5193, 20.4905, -61.1277



13.5193, 39.6756, 9.4635



13.5193, -13.7917, 9.4635



13.5193, -20.5413, -26.9482

Rectangle

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



13.5192, 20.4890, -61.1278



13.5193, 48.5274, -4.8885



13.5193, -13.7917, 9.4635



13.5193, -23.1958, 4.6573

Sweetspot

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



13.5193, 20.4905, -61.1277



40.9193, 1.8464, -15.2884



35.7227, -23.3726, 5.8057



19.0381, 1.1971, -8.3964



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.



13.5193, 20.4905, -61.1277



17.4775, 28.6222, -83.6325



12.3581, 30.9885, -68.2195



18.4376, -0.6360, -0.7225



14.1867, 21.8678, -64.9385



30.0131, 54.3995, -154.9467

Inverse Universe

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



19.0776, 32.9915, 9.8141



25.2575, 43.6218, 13.4715



37.1689, -19.5603, 22.5603



18.4702, 0.6269, 1.1065



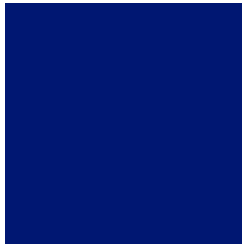
20.1221, 34.7910, 10.4349



44.7963, 77.2268, 24.9795

Previews

White Background



This preview shows how the HunterLab color 13.5192, 20.4890, -61.1278 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 13.5192, 20.4890, -61.1278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

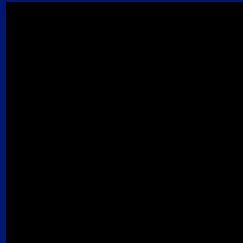
Any Text WCAG AA × Fail

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 13.5192, 20.4890, -61.1278 Background



This preview shows how black text looks on a background with the HunterLab color 13.5192, 20.4890, -61.1278.



This preview shows how white text looks on a background with the HunterLab color 13.5192, 20.4890, -61.1278.

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

13.5192, 20.4890, -61.1278

Protanopia

13.7392, 2.8870, -23.4050

Deuteranopia

13.8666, -1.4574, -14.1859



Tritanopia

13.8464, -6.9884, -2.2209

Trichromacy



Original Color

13.5192, 20.4890, -61.1278

Protanomaly

13.4377, 9.0056, -36.2365

Deuteranomaly

13.3572, 5.6541, -28.9009

Tritanomaly

13.0535, 0.9002, -18.2590

Monochromacy



Original Color

13.5192, 20.4890, -61.1278

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.5826, 4.1250, -15.8339

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.5192, 20.4890, -61.1278 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, 23, 114)` looks like.

```
.text, #text, p{  
    color:rgb(0, 23, 114)  
}
```

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, 23, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 23, 114) }
```

Border

The CSS property to change the border of an element to HunterLab 13.5192, 20.4890, -61.1278 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, 23, 114) }
```


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

```
.border{ border-color:rgb(0, 23, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 23, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 23, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 23, 114);  
box-shadow:4px 4px 4px 4px rgb(0, 23, 114)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.5192, 20.4890, -61.1278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 23, 114) }
```

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

```
.background{ background-color: rgb(0, 23,  
114) }
```

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