

Converting Colors

HunterLab(13.1872, 19.5667,
-51.9358)

Have a look what the booklet for
HunterLab(13.1872, 19.5667,
-51.9358) contains.

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Color

**HunterLab(13.0984, 19.6945,
-52.0790)**

Conversions

Conversions Part 1

Format	Color
Hex	151569
RGB	21, 21, 105
RGB Percent	8%, 8%, 41%
CMY	0.9176, 0.9177, 0.5882
CMYK	0.80, 0.80, 0.00, 0.59
HSL	240°, 67%, 25%
HSV	240°, 80%, 41%
XYZ	3.1272, 1.7157, 13.5309
YIQ	30.5760, -26.9640, 26.1240

Conversions

Conversions Part 2

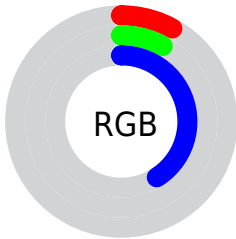
Format	Color
R_{YB}	21, 21, 105
Decimal	1381737
CIE _{Lab}	13.92, 31.26, -48.22
CIE _{LCh}	14, 57.468, 302.954
Yxy	1.7157, 0.1702, 0.0934
Android (android.graphics.Color)	4279571817 (0xFF151569)
YUV	30.5760, 36.6910, -8.3982
Hunter-Lab	13.0984, 19.6945, -52.0790

Details

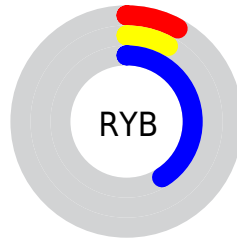
The HunterLab color **13.0984, 19.6945, -52.0790** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **36.2769, -9.3014, 21.0314**, and the grayscale version is **11.4693, -0.6120, 0.6231**.

A 20% lighter version of the original color is **28.2210, 22.5259, -49.2317**, and **5.5429, 13.6368, -36.3661** is the 20% darker color. If you saturate the color by 10%, you get **11.4706, 23.4268, -61.6016**, and if you desaturate by 10%, it is **15.2492, 15.8443, -42.2891**.

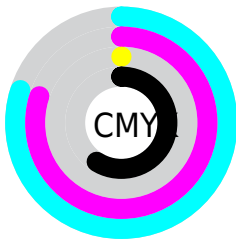
Distribution



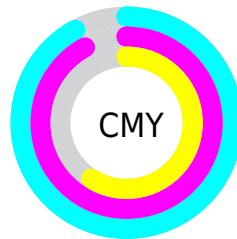
- Red (8%)
- Green (8%)
- Blue (41%)



- Red (8%)
- Yellow (8%)
- Blue (41%)



- Cyan (80%)
- Magenta (80%)
- Yellow (0%)
- Black (59%)



- Cyan (92%)
- Magenta (92%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.0984, 19.6945, -52.0790 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 13.0984, 19.6945, -52.0790 by changing the saturation by 10% instead.

■ 13.0984, 19.6945,
-52.0790

■ 13.0984, 19.6945,
-52.0790

■ 105.1095, 28.7374,
-53.6903

■ 6.5863, 21.5776,
-64.3466

■ 28.2296, 22.5473,
-49.4635

0.0000, INF, -NF

0.0000, NaN, -NF

■ 37.1239, 23.7679,
-49.6422

0.0000, NaN, -NF

■ 46.7951, 24.8576,
-50.1411

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.1852, 25.8286,
-50.7925

0.0000, NaN, NaN

■ 68.2474, 26.6926,
-51.5108

0.0000, NaN, NaN

■ 79.9432, 27.4598,

0.0000, NaN, NaN

-52.2493

92.2399, 28.1390,
-52.9810

13.0984, 19.6945,
-52.0790

13.0984, 19.6945,
-52.0790

11.4706, 23.4268,
-61.6016

15.2492, 15.8443,
-42.2891

10.0994, 27.3941,
-71.7560

17.7992, 12.3029,
-33.3353

20.6499, 9.1789,
-25.4876

23.7311, 6.4393,
-18.6547

26.9944, 4.0138,
-12.6498

■ 30.4060, 1.8334,
-7.2922

■ 33.9419, -0.1583,
-2.4334

■ 37.5846, -2.0052,
2.0415

■ 41.3209, -3.7406,
6.2197

Harmonies

Analogous

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



13.0985, 0.8671, -70.5594



13.0984, 19.6945, -52.0790



13.0985, 37.6526, -19.7466

Triad

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



13.0985, 19.6956, -52.0787



13.0985, 15.7315, 9.1689



13.0985, -22.0569, -0.8289

Complementary

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



13.0984, 19.6945, -52.0790



36.2769, -9.3014, 21.0314

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.



13.0985, -19.9916, 9.1689



13.0984, 19.6945, -52.0790



13.0985, -2.1959, 9.1689

Square

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



13.0985, 19.6956, -52.0787



13.0985, 34.7135, 9.1689



13.0985, -13.3640, 9.1689



13.0985, -19.0063, -25.8595

Rectangle

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



13.0984, 19.6945, -52.0790



13.0985, 43.7482, -3.2489



13.0985, -13.3640, 9.1689



13.0985, -21.9379, 3.7274

Sweetspot

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



13.0985, 19.6956, -52.0787



38.5242, 3.7860, -13.0260



33.5895, -16.7432, -3.1859



18.0688, 2.2056, -7.2221



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.



13.0985, 19.6956, -52.0787



14.0765, 34.8971, -91.5120



16.1646, 25.4654, -38.6137



17.3930, -0.1786, -0.9946



11.3644, 30.8253, -80.7440



25.6525, 69.5818, -182.2674

Inverse Universe

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



21.3526, 34.8878, -23.3360



27.0615, 51.9553, -34.8366



33.4874, -20.0282, 19.0282



17.7873, 1.1610, -0.4684



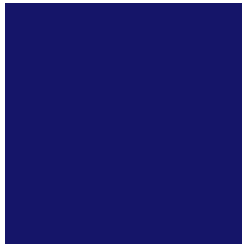
22.5697, 44.3719, -29.7615



50.9465, 100.1606, -67.1799

Previews

White Background



This preview shows how the HunterLab color 13.0984, 19.6945, -52.0790 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 13.0984, 19.6945, -52.0790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

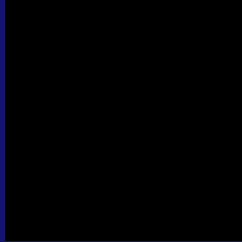
Any Text WCAG AA × Fail

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 13.0984, 19.6945, -52.0790 Background



This preview shows how black text looks on a background with the HunterLab color 13.0984, 19.6945, -52.0790.



This preview shows how white text looks on a background with the HunterLab color 13.0984, 19.6945, -52.0790.

-52.0790.

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

13.0984, 19.6945, -52.0790

Protanopia

13.0249, 2.3825, -21.4232

Deuteranopia

13.2103, -1.6292, -12.9947



Tritanopia

13.2676, -6.6838, -2.1550

Trichromacy



Original Color

13.0984, 19.6945, -52.0790

Protanomaly

12.7908, 8.3751, -31.8096

Deuteranomaly

12.7856, 5.4329, -25.4506

Tritanomaly

12.6057, 1.3830, -16.4510

Monochromacy



Original Color

13.0984, 19.6945, -52.0790

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.4994, 4.8308, -13.4686

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.0984, 19.6945, -52.0790 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(21, 21, 105)` looks like.

```
.text, #text, p{  
    color:rgb(21, 21, 105)  
}
```

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(21, 21, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 21, 105) }
```

Border

The CSS property to change the border of an element to HunterLab 13.0984, 19.6945, -52.0790 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(21, 21, 105) }
```


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

```
.border{ border-color:rgb(21, 21, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 21, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 21, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 21, 105);  
box-shadow:4px 4px 4px 4px rgb(21, 21,  
105) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.0984, 19.6945, -52.0790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 21, 105) }
```

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

```
.background{ background-color: rgb(21, 21,  
105) }
```

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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