

Converting Colors

HunterLab(21.5635, 17.6470,
-51.4162)

Have a look what the booklet for
HunterLab(21.5635, 17.6470,
-51.4162) contains.

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Color

**HunterLab(21.5007, 17.9531,
-51.7004)**

Conversions

Conversions Part 1

Format	Color
Hex	2C3289
RGB	44, 50, 137
RGB Percent	17%, 20%, 54%
CMY	0.8274, 0.8039, 0.4627
CMYK	0.68, 0.64, 0.00, 0.46
HSL	236°, 51%, 35%
HSV	236°, 68%, 54%
XYZ	6.6946, 4.6228, 24.2063
YIQ	58.1240, -31.5030, 25.7850

Conversions

Conversions Part 2

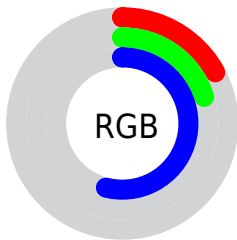
Format	Color
R_{YB}	44, 50, 137
Decimal	2896521
CIE _{Lab}	25.63, 27.04, -49.38
CIE _{LCh}	26, 56.299, 298.708
Yxy	4.6229, 0.1885, 0.1301
Android (android.graphics.Color)	4281086601 (0xFF2C3289)
YUV	58.1240, 38.8859, -12.3867
Hunter-Lab	21.5007, 17.9531, -51.7004




Details

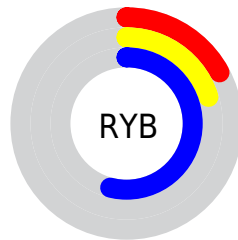
The HunterLab color **21.5007, 17.9531, -51.7004** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **46.6202, -9.2654, 25.5338**, and the grayscale version is **20.4914, -1.0934, 1.1133**.




A 20% lighter version of the original color is **38.5928, 20.1275, -51.5914**, and **9.1954, 18.2001, -50.7823** is the 20% darker color. If you saturate the color by 10%, you get **18.4968, 22.8980, -64.0640**, and if you desaturate by 10%, it is **24.9632, 13.5942, -40.5911**.

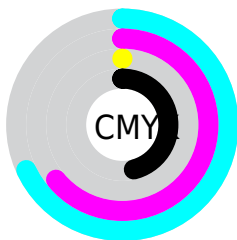
Distribution







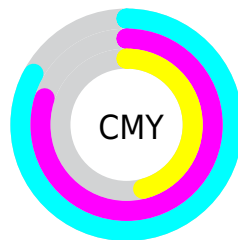
-  Red (17%)
-  Green (20%)
-  Blue (54%)







-  Red (17%)
-  Yellow (20%)
-  Blue (54%)



-  Cyan (68%)
-  Magenta (64%)
-  Yellow (0%)
-  Black (46%)



-  Cyan (83%)
-  Magenta (80%)
-  Yellow (46%)
-  Black (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.5007, 17.9531, -51.7004 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 21.5007, 17.9531, -51.7004 by changing the saturation by 10% instead.

■ 21.5007, 17.9531, -51.7004	■ 21.5007, 17.9531, -51.7004
■ 120.8806, 24.2889, -56.2420	■ 14.2400, 16.6549, -53.6241
■ 38.7280, 20.1097, -51.4500	■ 7.8964, 16.0960, -61.0175
■ 48.5262, 20.9912, -51.9585	0.0000, INF, -NF
■ 59.0345, 21.7609, -52.6170	0.0000, NaN, -NF
■ 70.2078, 22.4309, -53.3427	0.0000, NaN, -NF
■ 82.0088, 23.0111, -54.0898	0.0000, NaN, NaN
■ 94.4056, 23.5097,	0.0000, NaN, NaN

-54.8315

0.0000, NaN, NaN

107.3708, 23.9337,
-55.5521

■ 21.5007, 17.9531,
-51.7004

■ 21.5007, 17.9531,
-51.7004

■ 18.4968, 22.8980,
-64.0640

■ 24.9632, 13.5942,
-40.5911

■ 16.0940, 28.1091,
-76.7796

■ 28.7744, 9.8368,
-30.8632

■ 14.4119, 32.7165,
-87.9116

■ 32.8573, 6.5938,
-22.3444

■ 14.1345, 33.4980,
-89.9796

■ 37.1581, 3.7610,
-14.8009

■ 41.6387, 1.2472,
-8.0204

■ 46.2717, -1.0197,
-1.8311

■ 51.0366, -3.0951,
3.9000

■ 55.9179, -5.0210,
9.2742

■ 60.9035, -6.8290,
14.3690

Harmonies

Analogous

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



21.5010, -1.9168, -63.7774



21.5007, 17.9531, -51.7004



21.5010, 36.7593, -23.6422

Triad

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



21.5010, 17.9540, -51.6997



21.5010, 19.7478, 15.0507



21.5010, -25.8326, 1.8936

Complementary

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



21.5007, 17.9531, -51.7004



46.6202, -9.2654, 25.5338

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.



21.5010, -23.3247, 12.1618



21.5007, 17.9531, -51.7004



21.5010, -0.3690, 15.0507

Square

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



21.5010, 17.9540, -51.6997



21.5010, 38.0106, 11.6904



21.5010, -15.2800, 15.0507



21.5010, -23.7352, -21.1712

Rectangle

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



21.5007, 17.9531, -51.7004



21.5010, 43.9412, -6.2570



21.5010, -15.2800, 15.0507



21.5010, -25.5209, 6.6335

Sweetspot

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



21.5010, 17.9540, -51.6997



54.1646, 2.4960, -12.9741



44.7887, -22.3144, -1.1233



24.9610, 1.5625, -7.1722



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



21.5010, 17.9540, -51.6997



23.0608, 34.0718, -94.1621



23.4665, 28.1507, -44.8438



22.2277, -0.3609, -1.2627



13.6673, 32.2261, -86.6499



1.3532, 1.7880, -5.5513

Inverse Universe

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



27.1117, 30.1993, 10.6357



32.9235, 48.0249, 16.9715



45.3854, -23.1885, 24.4467



22.4799, 0.7203, 1.6889



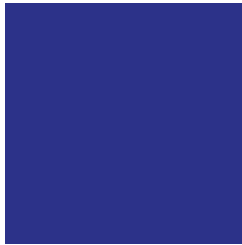
22.2997, 38.2730, 13.7584



1.8339, 3.1798, 0.8805

Previews

White Background



This preview shows how the HunterLab color 21.5007, 17.9531, -51.7004 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 21.5007, 17.9531, -51.7004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

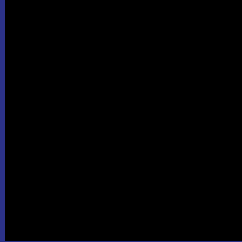
Any Text WCAG AA × Fail

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 21.5007, 17.9531, -51.7004 Background



This preview shows how black text looks on a background with the HunterLab color 21.5007, 17.9531, -51.7004.



This preview shows how white text looks on a background with the HunterLab color 21.5007, 17.9531, -51.7004.

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

21.5007, 17.9531, -51.7004

Protanopia

21.4083, 5.9095, -39.5155

Deuteranopia

21.2292, -0.3527, -25.7732



Tritanopia

21.4526, -10.6094, -3.9112

Trichromacy



Original Color

21.5007, 17.9531, -51.7004

Protanomaly

21.2685, 9.6979, -44.6219

Deuteranomaly

21.0815, 5.4158, -35.1186

Tritanomaly

20.7176, -1.8461, -18.9361

Monochromacy



Original Color

21.5007, 17.9531, -51.7004

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.4386, 4.0105, -13.4923

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.5007, 17.9531, -51.7004 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(44, 50, 137)` looks like.

```
.text, #text, p{  
    color:rgb(44, 50, 137)  
}
```

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(44, 50, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 50, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 21.5007, 17.9531, -51.7004 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(44, 50, 137) }
```


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

```
.border{ border-color:rgb(44, 50, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(44, 50, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 50, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 50, 137);  
box-shadow:4px 4px 4px 4px rgb(44, 50,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.5007, 17.9531, -51.7004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 50, 137) }
```

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

```
.background{ background-color: rgb(44, 50,  
137) }
```

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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