

Converting Colors

HunterLab(51.2397, 36.4506,
-49.0721)

Have a look what the booklet for
HunterLab(51.2397, 36.4506,
-49.0721) contains.

HunterLab(51.1755, 36.5787, -49.5285)	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(51.1755, 36.5787,
-49.5285)**

Conversions

Conversions Part 1

Format	Color
Hex	AA73E0
RGB	170, 115, 224
RGB Percent	67%, 45%, 88%
CMY	0.3333, 0.5490, 0.1216
CMYK	0.24, 0.49, 0.00, 0.12
HSL	270°, 64%, 66%
HSV	270°, 49%, 88%
XYZ	36.1628, 26.1893, 73.6701
YIQ	143.8710, -2.2090, 45.5590

Conversions

Conversions Part 2

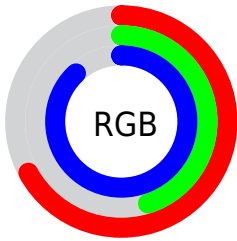
Format	Color
R_{YB}	170, 115, 224
Decimal	11170784
CIE _{Lab}	58.22, 42.41, -47.62
CIE _{LCh}	58, 63.766, 311.688
Yxy	26.1903, 0.2659, 0.1925
Android (android.graphics.Color)	4289360864 (0xFFAA73E0)
YUV	143.8710, 39.5036, 22.9151
Hunter-Lab	51.1755, 36.5787, -49.5285

Details

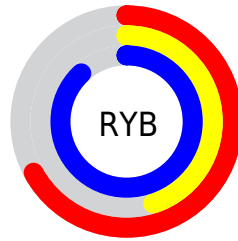
The HunterLab color $51.1755, 36.5787, -49.5285$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $79.3629, -35.1696, 36.1694$, and the grayscale version is $52.6070, -2.8070, 2.8582$.

A 20% lighter version of the original color is $71.8026, 32.7800, -33.3027$, and $32.0197, 33.3192, -48.2831$ is the 20% darker color. If you saturate the color by 10%, you get $45.2795, 45.3874, -63.6469$, and if you desaturate by 10%, it is $57.6401, 27.7622, -36.5365$.

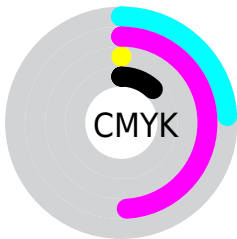
Distribution



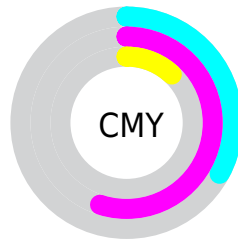
- Red (67%)
- Green (45%)
- Blue (88%)



- Red (67%)
- Yellow (45%)
- Blue (88%)



- Cyan (24%)
- Magenta (49%)
- Yellow (0%)
- Black (12%)



- Cyan (33%)
- Magenta (55%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.1755, 36.5787, -49.5285 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 51.1755, 36.5787, -49.5285 by changing the saturation by 10% instead.

■ 51.1755, 36.5787,
-49.5285

■ 51.1755, 36.5787,
-49.5285

168.4385, 45.5078,
-55.4411

■ 41.1899, 35.0935,
-48.9386

■ 73.1996, 39.2015,
-50.9458

■ 31.9536, 33.4874,
-48.5718

■ 85.1574, 40.3558,
-51.6783

■ 23.5343, 31.7673,
-48.6737

■ 97.7036, 41.4154,
-52.3942

■ 16.0207, 29.9793,
-49.8260

110.8118, 42.3870,
-53.0815

■ 9.5390, 28.3150,
-53.7134

124.4588, 43.2769,
-53.7331

0.0000, INF, -NF

0.0000, NaN, -NF

138.6242, 44.0905,

-54.3449

0.0000, NaN, -NF

153.2896, 44.8327,
-54.9146

0.0000, NaN, NaN

■ 51.1755, 36.5787,
-49.5285

■ 51.1755, 36.5787,
-49.5285

■ 45.2795, 45.3874,
-63.6469

■ 57.6401, 27.7622,
-36.5365

■ 40.0820, 53.8189,
-78.6762

■ 64.5658, 19.1019,
-24.6394

■ 35.7403, 61.1790,
-93.8950

■ 71.8741, 10.6468,
-13.6993

■ 32.4049, 66.4504,
-107.8992

■ 79.5047, 2.3943,
-3.5585

■ 30.0985, 68.8683,
-119.1655

■ 87.4117, -5.6798,
5.9296

■ 29.8237, 69.1190,
-120.6107

■ 95.5595, -13.6056,
14.8900

■ 98.3872, -12.8608,
17.9030

■ 99.0767, -10.4179,
18.6664

Harmonies

Analogous

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



51.1765, 8.2154, -73.0230



51.1755, 36.5787, -49.5285



51.1765, 56.4744, -15.2889

Triad

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



51.1765, 36.5780, -49.5268



51.1765, 14.6226, 30.9905



51.1765, -44.2988, -8.2642

Complementary

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



51.1755, 36.5787, -49.5285



79.3629, -35.1696, 36.1694

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.



51.1765, -43.2856, 16.0009



51.1755, 36.5787, -49.5285



51.1765, -12.8327, 31.3891

Square

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



51.1765, 36.5780, -49.5268



51.1765, 42.0979, 25.9502



51.1765, -32.8892, 27.6463



51.1765, -36.0214, -42.1526

Rectangle

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



51.1755, 36.5787, -49.5285



51.1765, 60.1921, 4.2194



51.1765, -32.8892, 27.6463



51.1765, -44.9781, 1.3092

Sweetspot

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



51.1765, 36.5780, -49.5268



86.3472, 8.9115, -11.5993



61.3106, -5.9570, -30.5223



39.0884, 5.0673, -6.5407

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



51.1765, 36.5780, -49.5268



52.6008, 52.3268, -73.3105



57.8718, 53.9514, -35.6449



36.8530, 1.4182, -2.0226



22.9036, 52.9001, -91.2217



6.4564, 14.4198, -21.8972

Inverse Universe

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



55.6544, 43.8323, -4.9273



59.2509, 61.3545, -5.8226



76.2854, -47.3417, 33.5711



37.1661, 2.1448, 0.9516



31.4883, 56.1186, 3.3401



8.3984, 15.1679, -0.6610

Previews

White Background



This preview shows how the HunterLab color 51.1755, 36.5787, -49.5285 looks on a white background.

Color Contrast Check

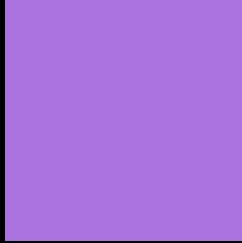
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 51.1755, 36.5787, -49.5285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

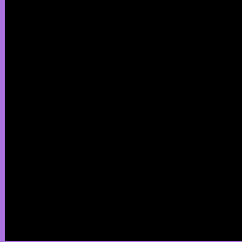
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 51.1755, 36.5787, -49.5285 Background



This preview shows how black text looks on a background with the HunterLab color 51.1755, 36.5787, -49.5285.



This preview shows how white text looks on a background with the HunterLab color 51.1755, 36.5787, -49.5285.

-49.5285.

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

51.1755, 36.5787, -49.5285

Protanopia

51.6704, 12.1382, -66.1577

Deuteranopia

51.4464, 4.3472, -45.4584



Tritanopia

51.1192, 5.7619, 0.9973

Trichromacy



Original Color

51.1755, 36.5787, -49.5285

Protanomaly

50.8016, 19.6066, -61.8612

Deuteranomaly

50.7328, 14.9398, -48.4221

Tritanomaly

50.7671, 16.0422, -14.6092

Monochromacy



Original Color

51.1755, 36.5787, -49.5285

Achromatopsia

52.8104, -2.8178, 2.8693

Achromatomaly

51.5408, 10.4716, -13.5369

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.1755, 36.5787, -49.5285 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(170, 115, 224)` looks like.

```
.text, #text, p{  
    color:rgb(170, 115, 224)  
}
```

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(170, 115, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 115, 224) }
```

Border

The CSS property to change the border of an element to HunterLab 51.1755, 36.5787, -49.5285 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(170, 115, 224) }
```


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

```
.border{ border-color:rgb(170, 115, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 115, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 115, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 115, 224);  
box-shadow:4px 4px 4px 4px rgb(170, 115,  
224) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.1755, 36.5787, -49.5285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 115, 224) }
```

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

```
.background{ background-color: rgb(170,  
115, 224) }
```

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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