

Converting Colors

HunterLab(30.5528, 14.9807,
-65.7456)

Have a look what the booklet for
HunterLab(30.5528, 14.9807,
-65.7456) contains.

HunterLab(30.5528, 14.9807, -65.7456)	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(30.5528, 14.9807,
-65.7456)**

Conversions

Conversions Part 1

Format	Color
Hex	1D50B5
RGB	29, 80, 181
RGB Percent	11%, 31%, 71%
CMY	0.8862, 0.6863, 0.2902
CMYK	0.84, 0.56, 0.00, 0.29
HSL	220°, 72%, 41%
HSV	220°, 84%, 71%
XYZ	11.7159, 9.3347, 44.9004
YIQ	76.2650, -62.8170, 20.5990

Conversions

Conversions Part 2

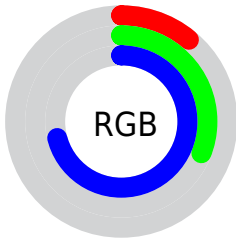
Format	Color
R_{YB}	29, 67, 181
Decimal	1921205
CIE _{Lab}	36.62, 22.02, -58.14
CIE _{LCh}	37, 62.171, 290.748
Yxy	9.3350, 0.1776, 0.1415
Android (android.graphics.Color)	4280111285 (0xFF1D50B5)
YUV	76.2650, 51.6344, -41.4514
Hunter-Lab	30.5528, 14.9807, -65.7456

Details

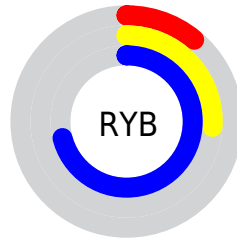
The HunterLab color **30.5528, 14.9807, -65.7456** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **50.8746, 6.6251, 30.1088**, and the grayscale version is **26.8171, -1.4309, 1.4570**.

A 20% lighter version of the original color is **49.6390, 16.1552, -65.7456**, and **16.8981, 17.8825, -59.7242** is the 20% darker color. If you saturate the color by 10%, you get **27.4547, 20.4999, -77.1316**, and if you desaturate by 10%, it is **34.0624, 10.3381, -54.9238**.

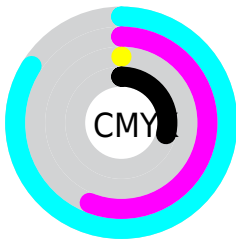
Distribution



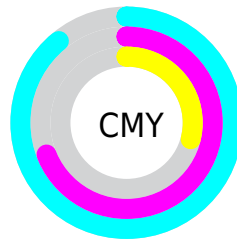
- Red (11%)
- Green (31%)
- Blue (71%)



- Red (11%)
- Yellow (26%)
- Blue (71%)



- Cyan (84%)
- Magenta (56%)
- Yellow (0%)
- Black (29%)



- Cyan (89%)
- Magenta (69%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.5528, 14.9807, -65.7456 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 30.5528, 14.9807, -65.7456 by changing the saturation by 10% instead.

■ 30.5528, 14.9807,
-65.7456

■ 30.5528, 14.9807,
-65.7456

■ 136.3295, 18.4793,
-70.9278

■ 22.2717, 14.0946,
-67.0334

■ 49.5347, 16.3708,
-65.7346

■ 14.9131, 13.0521,
-70.5388

■ 60.1107, 16.9048,
-66.2717

■ 8.5617, 12.0902,
-80.4049

■ 71.3477, 17.3482,
-66.9611

0.0000, INF, -NF

■ 83.2089, 17.7103,
-67.7295

0.0000, NaN, -NF

■ 95.6631, 17.9987,
-68.5331

0.0000, NaN, -NF

■ 108.6832, 18.2196,

0.0000, NaN, NaN

-69.3445

0.0000, NaN, NaN

122.2456, 18.3783,
-70.1465

■ 30.5528, 14.9807,
-65.7456

■ 30.5528, 14.9807,
-65.7456

■ 27.4547, 20.4999,
-77.1316

■ 34.0624, 10.3381,
-54.9238

■ 25.7753, 24.1060,
-84.2547

■ 37.9202, 6.5589,
-44.8714

■ 42.0713, 3.5556,
-35.6219

■ 46.4703, 1.2160,
-27.1203

■ 51.0806, -0.5682,
-19.2765

■ 55.8734, -1.8916,
-11.9937

■ 60.8257, -2.8329,
-5.1817

■ 65.9191, -3.4561,
1.2385

■ 71.1386, -3.8128,
7.3334

Harmonies

Analogous

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



30.5532, -8.1876, -71.5275



30.5528, 14.9807, -65.7456



30.5532, 38.8775, -36.7252

Triad

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



30.5532, 14.9820, -65.7448



30.5532, 30.2867, 19.3478



30.5532, -33.3473, 7.4906

Complementary

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



30.5528, 14.9807, -65.7456



50.8746, 6.6251, 30.1088

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.



30.5532, -28.1291, 17.8030



30.5528, 14.9807, -65.7456



30.5532, 5.5280, 21.1460

Square

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



30.5532, 14.9820, -65.7448



30.5532, 49.3195, 12.8226



30.5532, -15.3132, 20.7087



30.5532, -32.1484, -16.4704

Rectangle

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



30.5528, 14.9807, -65.7456



30.5532, 49.9212, -14.9552



30.5532, -15.3132, 20.7087



30.5532, -32.3582, 12.2396

Sweetspot

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



30.5532, 14.9820, -65.7448



73.8309, -2.3089, -17.4208



59.0447, -40.1006, 15.2414



33.2873, -0.8057, -9.6439



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



30.5532, 14.9820, -65.7448



33.9463, 33.7283, -115.2397



22.2280, 42.9058, -102.1591



29.4628, -1.4733, -1.0012



21.6703, 19.3067, -68.7636



5.0800, 0.7295, -7.9242

Inverse Universe

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



33.5894, 52.5179, 8.2207



42.6078, 74.2818, 17.3419



63.5818, -24.5573, 37.6640



29.2416, 1.3855, 1.3186



26.4843, 46.2685, 10.0337



4.8149, 8.6350, 0.0933

Previews

White Background



This preview shows how the HunterLab color 30.5528, 14.9807, -65.7456 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 30.5528, 14.9807, -65.7456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

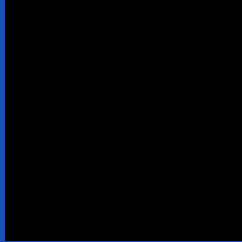
Any Text WCAG AA × Fail

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 30.5528, 14.9807, -65.7456 Background



This preview shows how black text looks on a background with the HunterLab color 30.5528, 14.9807, -65.7456.



This preview shows how white text looks on a background with the HunterLab color 30.5528, 14.9807, -65.7456.

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

30.5528, 14.9807, -65.7456

Protanopia

30.5305, 10.4736, -60.7699

Deuteranopia

30.3543, 0.2499, -38.4795



Tritanopia

30.2060, -14.7968, -5.8128

Trichromacy



Original Color

30.5528, 14.9807, -65.7456

Protanomaly

30.5288, 12.0087, -62.7783

Deuteranomaly

30.2932, 5.3695, -48.1415

Tritanomaly

29.9920, -5.9240, -23.3723

Monochromacy



Original Color

30.5528, 14.9807, -65.7456

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.2992, 1.2321, -17.7319

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.5528, 14.9807, -65.7456 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(29, 80, 181)` looks like.

```
.text, #text, p{  
    color:rgb(29, 80, 181)  
}
```

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(29, 80, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 80, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 30.5528, 14.9807, -65.7456 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(29, 80, 181) }
```


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

```
.border{ border-color:rgb(29, 80, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 80, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 80, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 80, 181);  
box-shadow:4px 4px 4px 4px rgb(29, 80,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.5528, 14.9807, -65.7456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 80, 181) }
```

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

```
.background{ background-color: rgb(29, 80,  
181) }
```

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