

Converting Colors

HunterLab(48.1602, -4.7591,
-35.4401)

Have a look what the booklet for
HunterLab(48.1602, -4.7591,
-35.4401) contains.

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Color

**HunterLab(48.1537, -4.6526,
-35.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	4589C5
RGB	69, 137, 197
RGB Percent	27%, 54%, 77%
CMY	0.7294, 0.4627, 0.2274
CMYK	0.65, 0.30, 0.00, 0.23
HSL	208°, 52%, 52%
HSV	208°, 65%, 77%
XYZ	21.4780, 23.1878, 56.1671
YIQ	123.5080, -59.7880, 4.2440

Conversions

Conversions Part 2

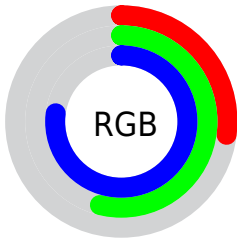
Format	Color
R _Y B	69, 113, 197
Decimal	4557253
CIE Lab	55.27, -2.63, -37.53
CIE LCh	55, 37.620, 265.992
Yxy	23.1886, 0.2130, 0.2300
Android (android.graphics.Color)	4282747333 (0xFF4589C5)
YUV	123.5080, 36.2316, -47.8035
Hunter-Lab	48.1537, -4.6526, -35.4490

Details

The HunterLab color $48.1537, -4.6526, -35.4490$ is a dark color, and the websafe version is hex $6699CC$. The color can be described as middle muted azure. A complement of this color would be $52.9174, 15.1737, 26.5634$, and the grayscale version is $44.5843, -2.3789, 2.4223$.

A 20% lighter version of the original color is $69.7494, -5.9878, -36.8307$, and $29.9376, -2.0226, -33.0532$ is the 20% darker color. If you saturate the color by 10%, you get $44.7990, -2.5004, -42.3494$, and if you desaturate by 10%, it is $51.7411, -6.0758, -28.7544$.

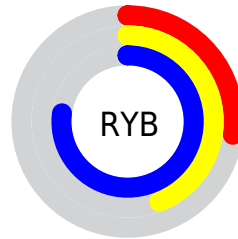
Distribution



Red (27%)

Green (54%)

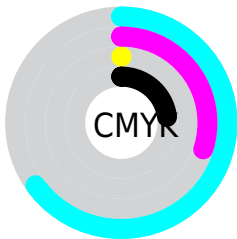
Blue (77%)



Red (27%)

Yellow (44%)

Blue (77%)

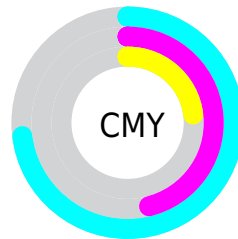


Cyan (65%)

Magenta (30%)

Yellow (0%)

Black (23%)



Cyan (73%)

Magenta (46%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 48.1537, -4.6526, -35.4490 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 48.1537, -4.6526, -35.4490 by changing the saturation by 10% instead.

■ 48.1537, -4.6526,
-35.4490

■ 48.1537, -4.6526,
-35.4490

163.9183,
-11.8994, -39.9687

■ 38.3834, -3.9762,
-34.8145

■ 69.7874, -6.0860,
-36.7338

■ 29.3804, -3.3277,
-34.2681

■ 81.5659, -6.8426,
-37.3350

■ 21.2179, -2.7064,
-33.9624

■ 93.9414, -7.6249,
-37.8938

■ 13.9934, -2.1102,
-34.2869

■ 106.8863, -8.4321,
-38.4059

■ 7.6353, -1.9086,
-37.8191

■ 120.3765, -9.2638,
-38.8695

0.0000, NaN, -NF

0.0000, NaN, -NF

134.3909,

-10.1193, -39.2841

0.0000, NaN, NaN

148.9105,
-10.9980, -39.6502

0.0000, NaN, NaN

■ 48.1537, -4.6526,
-35.4490

■ 48.1537, -4.6526,
-35.4490

■ 44.7990, -2.5004,
-42.3494

■ 51.7411, -6.0758,
-28.7544

■ 41.6941, 0.4296,
-49.4175

■ 55.5382, -6.8393,
-22.2896

■ 38.8537, 4.1464,
-56.5943

■ 59.5258, -7.0163,
-16.0579

■ 37.5019, 6.2178,
-60.2965

■ 63.6856, -6.6776,
-10.0521

■ 68.0012, -5.8882,
-4.2580

■ 72.4583, -4.7056,
1.3423

■ 77.0443, -3.1794,
6.7676

■ 81.7480, -1.3523,
12.0371

■ 86.5601, 0.7391,
17.1688

Harmonies

Analogous

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



48.1545, -18.2368, -27.5643



48.1537, -4.6526, -35.4490



48.1545, 11.3010, -30.7558

Triad

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



48.1545, -4.6523, -35.4479



48.1545, 27.4875, 13.5307



48.1545, -25.0136, 16.0129

Complementary

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



48.1537, -4.6526, -35.4490



52.9174, 15.1737, 26.5634

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.



48.1545, -15.0330, 21.8716



48.1537, -4.6526, -35.4490



48.1545, 15.3928, 20.7918

Square

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



48.1545, -4.6523, -35.4479



48.1545, 31.1780, 0.5822



48.1545, -0.4558, 23.2912



48.1545, -29.0058, 4.5747

Rectangle

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



48.1537, -4.6526, -35.4490



48.1545, 20.9744, -21.7360



48.1545, -0.4558, 23.2912



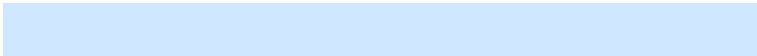
48.1545, -22.3151, 18.5386

Sweetspot

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



48.1545, -4.6523, -35.4479



88.4852, -8.4054, -9.0154



65.4037, -42.4975, 20.8127



40.1632, -4.0252, -5.2156

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



48.1545, -4.6523, -35.4479



58.1555, -1.8185, -60.6501



31.7772, 28.2748, -78.4828



33.4734, -2.5046, -0.5266



30.6903, 4.5264, -48.1314



7.6819, -0.7525, -7.9772

Inverse Universe

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



42.3483, 50.9518, -6.1491



51.6703, 79.4030, -5.8670



70.9386, -15.6617, 38.7311



32.7560, 1.8867, 0.7119



29.1390, 52.2460, 0.6549



6.4544, 11.7799, -1.4617

Previews

White Background



This preview shows how the HunterLab color 48.1537, -4.6526, -35.4490 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 48.1537, -4.6526, -35.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

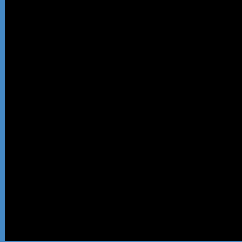
Any Text WCAG AA ✓ Pass

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 48.1537, -4.6526, -35.4490 Background



This preview shows how black text looks on a background with the HunterLab color 48.1537, -4.6526, -35.4490.

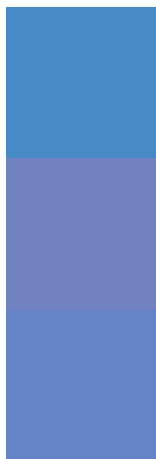


This preview shows how white text looks on a background with the HunterLab color 48.1537, -4.6526, -35.4490.

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

48.1537, -4.6526, -35.4490

Protanopia

48.1369, 5.0114, -30.9611

Deuteranopia

47.9783, 3.7096, -36.3933



Tritanopia

48.2348, -20.2494, -9.8417

Trichromacy



Original Color

48.1537, -4.6526, -35.4490

Protanomaly

48.0751, 0.6613, -32.5863

Deuteranomaly

47.9334, 0.6509, -36.5363

Tritanomaly

48.0716, -14.9085, -18.7775

Monochromacy



Original Color

48.1537, -4.6526, -35.4490

Achromatopsia

44.8950, -2.3955, 2.4392

Achromatomaly

45.6924, -5.1702, -9.9261

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 48.1537, -4.6526, -35.4490 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(69, 137, 197)` looks like.

```
.text, #text, p{  
    color:rgb(69, 137, 197)  
}
```

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(69, 137, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 137, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 48.1537, -4.6526, -35.4490 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(69, 137, 197) }
```


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

```
.border{ border-color:rgb(69, 137, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 137, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 137, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 137, 197);  
box-shadow:4px 4px 4px 4px rgb(69, 137,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 48.1537, -4.6526, -35.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 137, 197) }
```

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

```
.background{ background-color: rgb(69, 137,  
197) }
```

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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