

Converting Colors

HunterLab(37.8830, 5.9931,
-45.1327)

Have a look what the booklet for
HunterLab(37.8830, 5.9931,
-45.1327) contains.

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Color

**HunterLab(37.7637, 6.1263,
-45.2583)**

Conversions

Conversions Part 1

Format	Color
Hex	3E68B5
RGB	62, 104, 181
RGB Percent	24%, 41%, 71%
CMY	0.7568, 0.5922, 0.2902
CMYK	0.66, 0.43, 0.00, 0.29
HSL	219°, 49%, 48%
HSV	219°, 66%, 71%
XYZ	15.2774, 14.2610, 45.6635
YIQ	100.2200, -49.7490, 15.0430

Conversions

Conversions Part 2

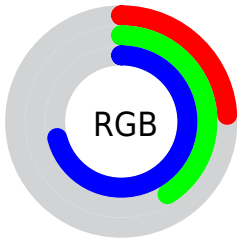
Format	Color
R _{YB}	62, 93, 181
Decimal	4090037
CIE _{Lab}	44.61, 10.63, -45.21
CIE _{LCh}	45, 46.445, 283.231
Yxy	14.2614, 0.2032, 0.1896
Android (android.graphics.Color)	4282280117 (0xFF3E68B5)
YUV	100.2200, 39.8245, -33.5189
Hunter-Lab	37.7637, 6.1263, -45.2583

Details

The HunterLab color $37.7637, 6.1263, -45.2583$ is a dark color, and the websafe version is hex $3366CC$. A complement of this color would be $53.5153, 3.6095, 27.9887$, and the grayscale version is $35.6506, -1.9022, 1.9370$.

A 20% lighter version of the original color is $57.9845, 5.9406, -46.0908$, and $21.3505, 7.3136, -42.4742$ is the 20% darker color. If you saturate the color by 10%, you get $34.0206, 9.8659, -55.0513$, and if you desaturate by 10%, it is $41.7985, 3.1673, -36.1989$.

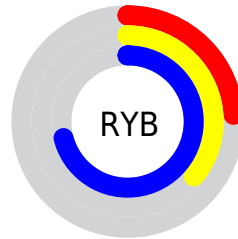
Distribution



Red (24%)

Green (41%)

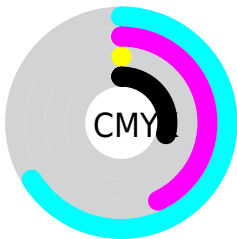
Blue (71%)



Red (24%)

Yellow (36%)

Blue (71%)

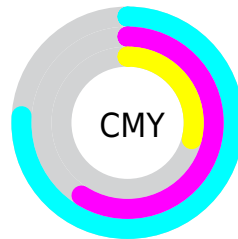


Cyan (66%)

Magenta (43%)

Yellow (0%)

Black (29%)



Cyan (76%)

Magenta (59%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.7637, 6.1263, -45.2583 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 37.7637, 6.1263, -45.2583 by changing the saturation by 10% instead.

■ 37.7637, 6.1263,
-45.2583

■ 37.7637, 6.1263,
-45.2583

■ 147.9362, 4.6311,
-51.0234

■ 28.8144, 5.9619,
-44.9214

■ 57.9242, 6.2050,
-46.5030

■ 20.7105, 5.6925,
-45.1047

■ 69.0312, 6.1388,
-47.2145

■ 13.5523, 5.2941,
-46.5217

■ 80.7692, 6.0122,
-47.9269

■ 7.1405, 6.1055,
-54.4818

■ 93.1061, 5.8305,
-48.6195

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 106.0142, 5.5982,
-49.2809

0.0000, NaN, -NF

119.4690, 5.3189,

0.0000, NaN, NaN

-49.9042

0.0000, NaN, NaN

133.4494, 4.9956,
-50.4856

■ 37.7637, 6.1263,
-45.2583

■ 37.7637, 6.1263,
-45.2583

■ 34.0206, 9.8659,
-55.0513

■ 41.7985, 3.1673,
-36.1989

■ 30.6192, 14.4642,
-65.5302

■ 46.0797, 0.8808,
-27.8396

■ 27.6143, 19.9146,
-76.4981

■ 50.5723, -0.8385,
-20.1045

■ 26.4370, 22.3820,
-81.3602

■ 55.2478, -2.0841,
-12.9079

■ 60.0834, -2.9350,
-6.1674

■ 65.0605, -3.4561,
0.1905

■ 70.1643, -3.6999,
6.2291

■ 75.3824, -3.7090,
12.0014

■ 80.7047, -3.5178,
17.5519

Harmonies

Analogous

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



37.7643, -11.3797, -44.1961



37.7637, 6.1263, -45.2583



37.7643, 24.3558, -30.1288

Triad

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



37.7643, 6.1269, -45.2573



37.7643, 26.2467, 18.2310



37.7643, -29.4835, 10.2836

Complementary

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



37.7637, 6.1263, -45.2583



53.5153, 3.6095, 27.9887

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.



37.7643, -22.6891, 18.8988



37.7637, 6.1263, -45.2583



37.7643, 8.3572, 21.8142

Square

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



37.7643, 6.1269, -45.2573



37.7643, 37.3393, 8.7646



37.7643, -9.5244, 21.9836



37.7643, -29.8582, -6.1672

Rectangle

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



37.7637, 6.1263, -45.2583



37.7643, 33.5937, -15.7131



37.7643, -9.5244, 21.9836



37.7643, -27.9412, 13.9619

Sweetspot

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



37.7643, 6.1269, -45.2573



77.4113, -3.4646, -12.3268



59.9075, -36.1497, 12.7211



35.1597, -1.4587, -6.8964



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.



37.7643, 6.1269, -45.2573



43.3837, 15.8740, -79.9898



28.9768, 30.5732, -71.0582



29.5035, -1.5409, -0.9510



22.2211, 17.8952, -66.4050



5.1742, 0.5560, -7.6676

Inverse Universe

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



37.7748, 43.8911, 3.4885



45.8731, 68.8092, 8.6354



64.3503, -21.2449, 35.0805



29.2458, 1.4078, 1.2596



26.5304, 46.4378, 9.3627



4.8250, 8.6717, -0.0505

Previews

White Background



This preview shows how the HunterLab color 37.7637, 6.1263, -45.2583 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 × Fail

Black Background



This preview shows how the HunterLab color 37.7637, 6.1263, -45.2583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

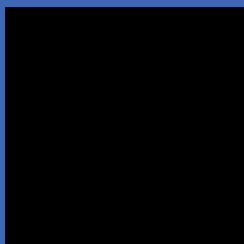
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 37.7637, 6.1263, -45.2583 Background



This preview shows how black text looks on a background with the HunterLab color 37.7637, 6.1263, -45.2583.



This preview shows how white text looks on a background with the HunterLab color 37.7637, 6.1263, -45.2583.

-45.2583.

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

37.7637, 6.1263, -45.2583

Protanopia

37.6507, 8.3644, -44.6506

Deuteranopia

37.7250, 3.1158, -44.5629



Tritanopia

37.7051, -16.5727, -8.0948

Trichromacy



Original Color

37.7637, 6.1263, -45.2583

Protanomaly

37.7157, 7.2248, -44.5134

Deuteranomaly

37.6236, 4.1761, -44.7897

Tritanomaly

37.5433, -9.5064, -19.9786

Monochromacy



Original Color

37.7637, 6.1263, -45.2583

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

35.8759, -0.8186, -12.2313

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.7637, 6.1263, -45.2583 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(62, 104, 181)` looks like.

```
.text, #text, p{  
    color:rgb(62, 104, 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(62, 104, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 104, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 37.7637, 6.1263, -45.2583 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(62, 104, 181) }
```


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

```
.border{ border-color:rgb(62, 104, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 104, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 104, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 104, 181);  
box-shadow:4px 4px 4px 4px rgb(62, 104,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.7637, 6.1263, -45.2583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 104, 181) }
```

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

```
.background{ background-color: rgb(62, 104,  
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](#).

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