

Converting Colors

HunterLab(50.3397, -6.6118,
-37.4070)

Have a look what the booklet for
HunterLab(50.3397, -6.6118,
-37.4070) contains.

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Color

**HunterLab(50.3770, -6.7376,
-37.0523)**

Conversions

Conversions Part 1

Format	Color
Hex	3E90CD
RGB	62, 144, 205
RGB Percent	24%, 56%, 80%
CMY	0.7568, 0.4353, 0.1961
CMYK	0.70, 0.30, 0.00, 0.20
HSL	206°, 59%, 52%
HSV	206°, 70%, 80%
XYZ	22.9793, 25.3784, 61.4450
YIQ	126.4360, -68.4530, 1.5870

Conversions

Conversions Part 2

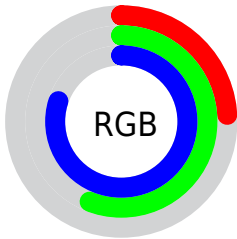
Format	Color
R _Y B	62, 114, 205
Decimal	4100301
CIE Lab	57.44, -5.08, -38.65
CIE LCh	57, 38.981, 262.517
Yxy	25.3793, 0.2093, 0.2311
Android (android.graphics.Color)	4282290381 (0xFF3E90CD)
YUV	126.4360, 38.7321, -56.5104
Hunter-Lab	50.3770, -6.7376, -37.0523

Details

The HunterLab color $50.3770, -6.7376, -37.0523$ is a dark color, and the websafe version is hex $3399CC$. The color can be described as middle muted azure. A complement of this color would be $52.4357, 21.0202, 27.5240$, and the grayscale version is $45.7213, -2.4396, 2.4841$.

A 20% lighter version of the original color is $72.0889, -10.5176, -33.5740$, and $31.9490, -2.7910, -33.9086$ is the 20% darker color. If you saturate the color by 10%, you get $47.2117, -4.5299, -43.5223$, and if you desaturate by 10%, it is $53.7813, -8.1768, -30.6776$.

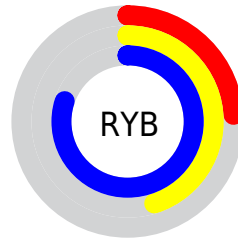
Distribution



Red (24%)

Green (56%)

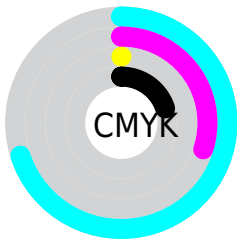
Blue (80%)



Red (24%)

Yellow (45%)

Blue (80%)

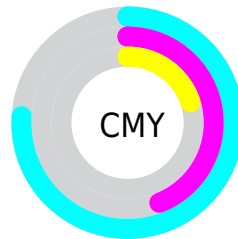


Cyan (70%)

Magenta (30%)

Yellow (0%)

Black (20%)



Cyan (76%)

Magenta (44%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 50.3770, -6.7376, -37.0523 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 50.3770, -6.7376, -37.0523 by changing the saturation by 10% instead.

■ 50.3770, -6.7376,
-37.0523

■ 50.3770, -6.7376,
-37.0523

167.2488,
-15.0231, -41.6922

■ 40.4473, -5.9117,
-36.4074

■ 72.2993, -8.4416,
-38.3573

■ 31.2716, -5.1013,
-35.8458

■ 84.2103, -9.3226,
-38.9701

■ 22.9189, -4.3017,
-35.5066

■ 96.7120, -10.2232,
-39.5416

■ 15.4801, -3.5051,
-35.7316

■ 109.7775,
-11.1437, -40.0674

■ 9.0774, -2.9218,
-37.5889

■ 123.3836,
-12.0841, -40.5456

0.0000, NaN, -NF

137.5095,

0.0000, NaN, -NF

-13.0442, -40.9755

0.0000, NaN, NaN

152.1368,
-14.0240, -41.3574

0.0000, NaN, NaN

■ 50.3770, -6.7376,
-37.0523

■ 50.3770, -6.7376,
-37.0523

■ 47.2117, -4.5299,
-43.5223

■ 53.7813, -8.1768,
-30.6776

■ 44.2947, -1.5316,
-50.0439

■ 57.4055, -8.9014,
-24.4370

■ 41.6089, 2.1593,
-56.6246

■ 61.2331, -8.9771,
-18.3510

■ 41.5437, 2.2542,
-56.7922

■ 65.2465, -8.4728,
-12.4290

■ 69.4296, -7.4552,
-6.6713

■ 73.7676, -5.9855,
-1.0720

■ 78.2473, -4.1183,
4.3787

■ 82.8568, -1.9014,
9.6926

■ 87.5856, 0.6238,
14.8821

Harmonies

Analogous

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



50.3779, -20.5005, -27.3880



50.3770, -6.7376, -37.0523



50.3779, 9.9797, -33.6414

Triad

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



50.3779, -6.7372, -37.0512



50.3779, 29.9196, 12.9416



50.3779, -25.3770, 17.8094

Complementary

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



50.3770, -6.7376, -37.0523



52.4357, 21.0202, 27.5240

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.



50.3779, -14.2208, 23.3455



50.3770, -6.7376, -37.0523



50.3779, 17.9985, 21.2280

Square

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



50.3779, -6.7372, -37.0512



50.3779, 32.5916, -1.3284



50.3779, 1.4876, 24.3571



50.3779, -30.3291, 6.4991

Rectangle

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



50.3770, -6.7376, -37.0523



50.3779, 20.4719, -24.7994



50.3779, 1.4876, 24.3571



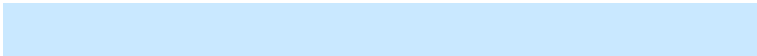
50.3779, -22.3020, 20.2372

Sweetspot

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



50.3779, -6.7372, -37.0512



88.0347, -9.7778, -9.6414



67.8840, -46.9961, 25.0421



40.0306, -4.7090, -5.4083

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.3779, -6.7372, -37.0512



58.3986, -3.8832, -60.1349



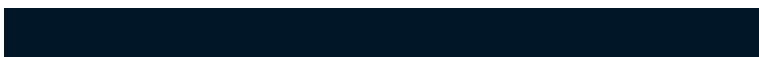
32.1244, 29.6333, -86.2870



34.4878, -2.7641, -0.4076



33.0698, 1.2652, -44.0655



8.4429, -1.2540, -7.8458

Inverse Universe

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



42.9408, 57.6010, -8.9642



50.4964, 83.7565, -8.4477



71.7667, -13.3295, 40.2228



33.6447, 2.0142, 0.5568



29.8446, 53.8807, -2.1950



6.8884, 12.6338, -2.0384

Previews

White Background



This preview shows how the HunterLab color 50.3770, -6.7376, -37.0523 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 50.3770, -6.7376, -37.0523 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

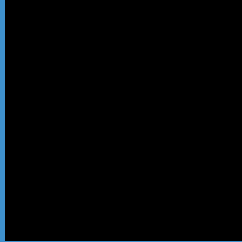
Any Text WCAG AA ✓ Pass

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 50.3770, -6.7376, -37.0523 Background



This preview shows how black text looks on a background with the HunterLab color 50.3770, -6.7376, -37.0523.



This preview shows how white text looks on a background with the HunterLab color 50.3770, -6.7376, -37.0523.

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

50.3770, -6.7376, -37.0523

Protanopia

50.1867, 5.3348, -32.0987

Deuteranopia

50.3980, 4.0104, -38.3215



Tritanopia

50.4263, -22.7801, -10.6219

Trichromacy



Original Color

50.3770, -6.7376, -37.0523

Protanomaly

49.9353, 0.4089, -34.8331

Deuteranomaly

50.3351, -0.7127, -37.7771

Tritanomaly

50.2412, -17.4371, -19.6758

Monochromacy



Original Color

50.3770, -6.7376, -37.0523

Achromatopsia

45.6768, -2.4372, 2.4817

Achromatomaly

46.9310, -6.4502, -10.3710

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.3770, -6.7376, -37.0523 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, 144, 205)` looks like.

```
.text, #text, p{  
    color:rgb(62, 144, 205)  
}
```

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, 144, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 144, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 50.3770, -6.7376, -37.0523 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, 144, 205) }
```


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

```
.border{ border-color:rgb(62, 144, 205) }
```

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

Here you see how a box with a 4 pixel rgb(62, 144, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 144, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 144, 205);  
box-shadow:4px 4px 4px 4px rgb(62, 144,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.3770, -6.7376, -37.0523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 144, 205) }
```

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

```
.background{ background-color: rgb(62, 144,  
205) }
```

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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