

Converting Colors

HunterLab(37.3172, -22.1504,
6.7152)

Have a look what the booklet for
HunterLab(37.3172, -22.1504,
6.7152) contains.

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Color

**HunterLab(37.2196,
-22.0810, 6.7814)**

Conversions

Conversions Part 1

Format	Color
Hex	24755B
RGB	36, 117, 91
RGB Percent	14%, 46%, 36%
CMY	0.8588, 0.5412, 0.6431
CMYK	0.69, 0.00, 0.22, 0.54
HSL	161°, 53%, 30%
HSV	161°, 69%, 46%
XYZ	8.9772, 13.8530, 12.0983
YIQ	89.8170, -39.9300, -25.2580

Conversions

Conversions Part 2

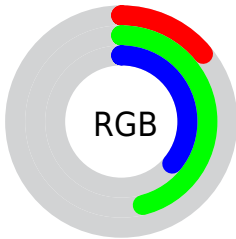
Format	Color
R_YB	36, 84, 117
Decimal	2389339
CIE _{Lab}	44.02, -31.01, 7.34
CIE _{LCh}	44, 31.865, 166.691
Yxy	13.8535, 0.2570, 0.3966
Android (android.graphics.Color)	4280579419 (0xFF24755B)
YUV	89.8170, 0.5832, -47.1975
Hunter-Lab	37.2196, -22.0810, 6.7814

Details

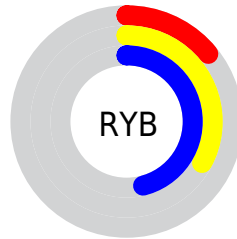
The HunterLab color **37.2196, -22.0810, 6.7814** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **23.2203, 27.2964, 3.1479**, and the grayscale version is **31.9171, -1.7030, 1.7341**.

A 20% lighter version of the original color is **57.4002, -27.0726, 8.8669**, and **20.7935, -14.5776, 5.4788** is the 20% darker color. If you saturate the color by 10%, you get **36.8960, -23.5626, 7.7484**, and if you desaturate by 10%, it is **37.6378, -20.2378, 5.8744**.

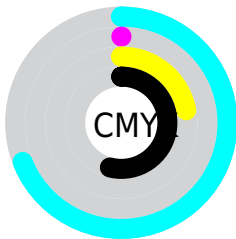
Distribution



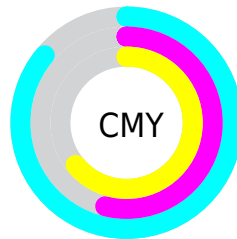
- Red (14%)
- Green (46%)
- Blue (36%)



- Red (14%)
- Yellow (33%)
- Blue (46%)



- Cyan (69%)
- Magenta (0%)
- Yellow (22%)
- Black (54%)



- Cyan (86%)
- Magenta (54%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.2196, -22.0810, 6.7814 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 37.2196, -22.0810, 6.7814 by changing the saturation by 10% instead.

37.2196, -22.0810,
6.7814

37.2196, -22.0810,
6.7814

147.0774,
-42.0592, 15.8567

28.3176, -19.4028,
5.8203

57.2965, -26.9914,
8.7102

20.2658, -16.4905,
4.8475

68.3655, -29.2959,
9.6876

13.1667, -13.3014,
3.8424

80.0677, -31.5301,
10.6774

6.6729, -11.6776,
4.6710

92.3705, -33.7089,
11.6815

0.0000, NaN, NaN

0.0000, NaN, NaN

105.2459,
-35.8435, 12.7008

0.0000, NaN, NaN

118.6695,

0.0000, NaN, NaN

-37.9424, 13.7362

0.0000, NaN, NaN

132.6197,
-40.0125, 14.7880

■ 37.2196, -22.0810,
6.7814

■ 37.2196, -22.0810,
6.7814

■ 36.8960, -23.5626,
7.7484

■ 37.6378, -20.2378,
5.8744

■ 36.6576, -24.6988,
8.7588

■ 38.1534, -18.0277,
5.0397

■ 36.4748, -25.6058,
9.7744

■ 38.7701, -15.4568,
4.2889

■ 36.4610, -25.6745,
9.8507

■ 39.4896, -12.5399,
3.6311

■ 40.3119, -9.2982,
3.0727

■ 41.2360, -5.7578,
2.6178

■ 42.2601, -1.9478,
2.2684

■ 43.3812, 2.1013,
2.0244

■ 44.5962, 6.3594,
1.8841

Harmonies

Analogous

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



37.2203, -17.4903, 14.2615



37.2196, -22.0810, 6.7814



37.2203, -21.8046, -4.9294

Triad

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



37.2203, -22.0813, 6.7818



37.2203, 4.9534, -26.1216



37.2203, 15.4068, 14.8287

Complementary

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



37.2196, -22.0810, 6.7814



23.2203, 27.2964, 3.1479

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.



37.2203, 23.1020, 7.8538



37.2196, -22.0810, 6.7814



37.2203, 16.5577, -16.6406

Square

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



37.2203, -22.0813, 6.7818



37.2203, -7.2082, -26.6923



37.2203, 23.5483, -3.4541



37.2203, 3.5368, 17.7999

Rectangle

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



37.2196, -22.0810, 6.7814



37.2203, -18.9107, -13.8257



37.2203, 23.5483, -3.4541



37.2203, 18.6304, 12.9978

Sweetspot

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



37.2203, -22.0813, 6.7818



53.6765, -13.4828, 4.2724



37.2925, -23.4755, 19.9145



25.6237, -6.9122, 2.1222



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



37.2203, -22.0813, 6.7818



49.1704, -32.4832, 11.1627



33.8530, -12.6363, -8.8377



20.3377, -2.8037, 1.2867



38.2671, -26.9719, 10.3940



84.3797, -60.1273, 24.3304

Inverse Universe

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



23.2203, 27.2964, 3.1479



28.1320, 42.8544, 6.9682



24.7959, 19.7717, 11.6338



19.2833, 0.7626, 0.9104



20.7732, 36.2892, 7.8849



45.7033, 79.5427, 19.6541

Previews

White Background



This preview shows how the HunterLab color 37.2196, -22.0810, 6.7814 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 37.2196, -22.0810, 6.7814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

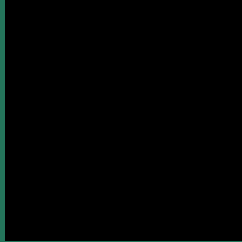
Any Text WCAG AA × Fail

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 37.2196, -22.0810, 6.7814 Background



This preview shows how black text looks on a background with the HunterLab color 37.2196, -22.0810, 6.7814.



This preview shows how white text looks on a background with the HunterLab color 37.2196, -22.0810, 6.7814.

-22.0810, 6.7814.

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

37.2196, -22.0810, 6.7814

Protanopia

36.9535, -2.4487, 9.2703

Deuteranopia

37.0439, 2.4355, 5.5407



Tritanopia

37.2740, -13.8289, -6.5617

Trichromacy



Original Color

37.2196, -22.0810, 6.7814

Protanomaly

36.4036, -11.4849, 7.5451

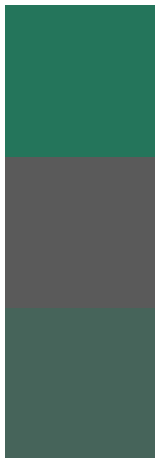
Deuteranomaly

36.3193, -8.5190, 4.9434

Tritanomaly

37.0678, -16.8641, -1.5090

Monochromacy



Original Color

37.2196, -22.0810, 6.7814

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

33.3985, -10.7291, 3.2207

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.2196, -22.0810, 6.7814 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(36, 117, 91)` looks like.

```
.text, #text, p{  
  color:rgb(36, 117, 91)  
}
```

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(36, 117, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 117, 91) }
```

Border

The CSS property to change the border of an element to HunterLab 37.2196, -22.0810, 6.7814 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(36, 117, 91) }
```


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

```
.border{ border-color:rgb(36, 117, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 117, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 117, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 117, 91);  
box-shadow:4px 4px 4px 4px rgb(36, 117,  
91) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.2196, -22.0810, 6.7814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 117, 91) }
```

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

```
.background{ background-color: rgb(36, 117,  
91) }
```

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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