

# Converting Colors

Hex(A05B20)

Have a look what the booklet for  
Hex(A05B20) contains.

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**Color**

**Hex(A05B20)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A05B20
RGB	160, 91, 32
RGB Percent	63%, 36%, 13%
CMY	0.3725, 0.6431, 0.8745
CMYK	0.00, 0.43, 0.80, 0.37
HSL	28°, 67%, 38%
HSV	28°, 80%, 63%
XYZ	18.4990, 15.0600, 3.2984
YIQ	104.9050, 60.0630, -3.7210

# Conversions

## Conversions Part 2

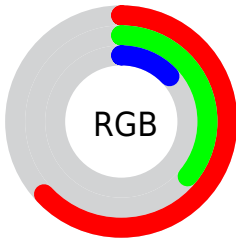
Format	Color
<b>RYB</b>	160, 141, 32
Decimal	10509088
CIELab	45.72, 23.74, 44.06
CIELCh	46, 50.051, 61.682
Yxy	15.0600, 0.5019, 0.4086
Android (android.graphics.Color)	4288699168 (0xFFA05B20)
YUV	104.9050, -35.9422, 48.3183
Hunter-Lab	38.8073, 17.1763, 22.1258

# Details

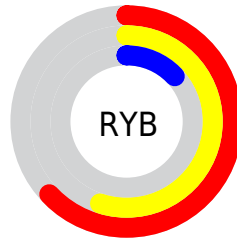
The Hex color **A05B20** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **2065A0**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **DB8E51**, and **672C00** is the 20% darker color. If you saturate the color by 10%, you get **A05210**, and if you desaturate by 10%, it is **A06430**.

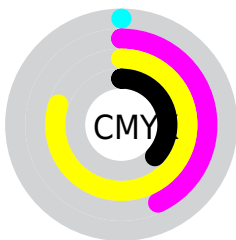
# Distribution



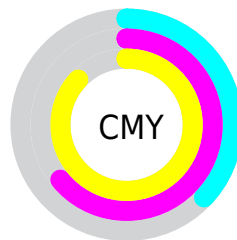
- Red (63%)
- Green (36%)
- Blue (13%)



- Red (63%)
- Yellow (55%)
- Blue (13%)



- Cyan (0%)
- Magenta (43%)
- Yellow (80%)
- Black (37%)



- Cyan (37%)
- Magenta (64%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A05B20 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 Hex color A05B20 by changing the saturation by 10% instead.



 A05B20

 A05B20

FFFFFF

 834305

 DB8E51

 672C00

 FAA86A

 4B1600

 FFC484

 300000

 FFE09E

 0D0000

 FFFCBA

 000000

 FFFFD6

 FFFFF2

 A05B20

 A05B20

■ A05210

■ A06430

■ A04A00

■ A06C40

■ A07550

■ A07E60

■ A08670

■ A08F80

■ A09790

■ A0A0A0

■ A0A9B0

# Harmonies

## Analogous

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



B44A43



A05B20



7F6B0A

# Triad

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



A05B20



00806D



6F60B4

# Complementary

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



A05B20



2065A0

# 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.



0070C0



A05B20



007F97

# Square

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



A05B20



007D42



007BB6



A04E95

# Rectangle

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



A05B20



647313



007BB6



5666BA



# Sweetspot

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



A05B20



D1B69F



A02066



69584A



E8E8E8



696969



# Same Dimension

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



A05B20



D16508



A09A20



4F4B47



8F4200



0F0700



# Inverse Universe

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



2065A0



0875D1



2026A0



474B4F



004D8F



00080F



# Previews

## White Background



This preview shows how the Hex color A05B20 looks on a white background.

## Color Contrast Check

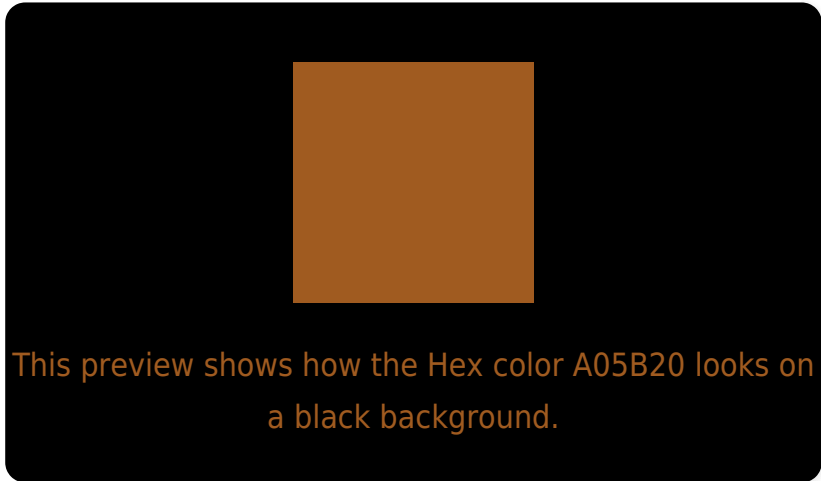
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## 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](#).



## Hex A05B20 Background



This preview shows how black text looks on a background with the Hex color A05B20.



This preview shows how white text looks on a background with the Hex color A05B20.

# 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**  
A05B20

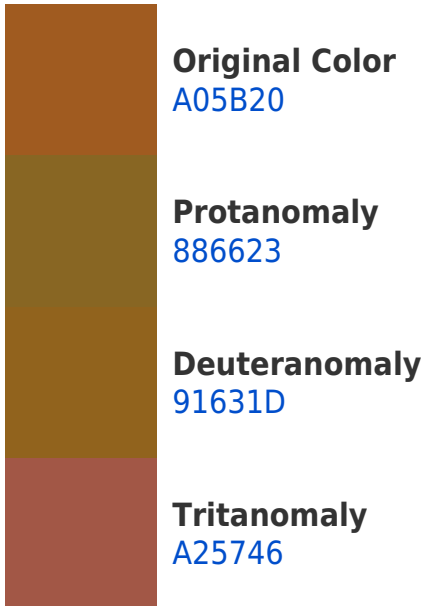
**Protanopia**  
7A6D25

**Deuteranopia**  
89671B

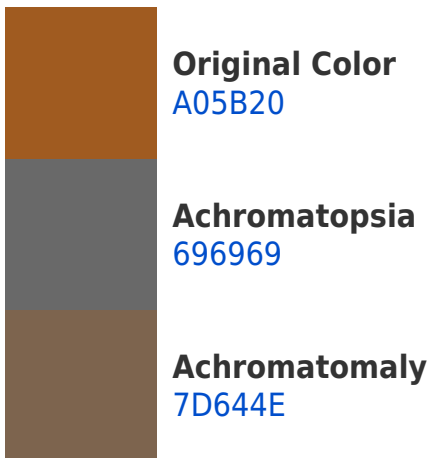


**Tritanopia**  
A3555B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A05B20 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 #A05B20 looks like.

```
.text, #text, p{  
    color:#A05B20  
}
```

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 #A05B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A05B20
}
```

## Border

The CSS property to change the border of an element to Hex A05B20 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
#A05B20 }
```

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

```
.border{ border-color:#A05B20 }
```

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

Here you see how a box with a 4 pixel #A05B20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A05B20; -webkit-box-shadow:4px 4px  
4px 4px #A05B20; box-shadow:4px 4px 4px  
4px #A05B20 }
```

# Background

The CSS property to change the background color of an element to Hex A05B20 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A05B20 }
```

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

```
.background{ background-color:#A05B20 }
```

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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